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The Health of Blackburn 1970

COUNTY BOROUGH OF BLACKBURN

Annual Report on the Health Service for the year 1970

J. ARDLEY, M.B., B.S., D.P.H.,
Medical Officer of Health

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HEALTH AND SOCIAL SERVICES COMMITTEE

The Mayor

ALDERMAN A. LORD

Aldermen

SIR G. B. EDDIE (*Ex-Officio*)

McNAMEE

MOTTERSHEAD (*Ex-Officio*)

Councillors

BARKER

BRAMWELL

EDWARDS

GORTON

HAWORTH, N. R.

HEAP

HUTCHINSON

JOHNSTON

LEWIS (*Chairman*)

MARSH

MARSDEN, T. (*Ex-Officio*)

MURRAY (*Vice Chairman*)

WATSON, H.

WATSON, J. E.

WORSWICK, W.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health and Principal School Medical Officer

J. ARDLEY, M.B., B.S., D.P.H.

Deputy Medical Officer of Health and School Medical Officer

P. A. GARDNER, L.A.H. (DUBLIN) D.P.H.

Assistant Medical Officers (full time)

BERYL L. SEPHTON, M.B., Ch.B., D.P.H.
SARAH N. JOSEPH, M.B., B.S., D.R.C.O.G., D.P.H.
SARAH A. FERGUSON, M.B., ch.B.
P. RUSSO, M.B., ch.B. (to May)
S. DATTA, M.B., B.S., D.G.O., M.R.C.O.G. (from July)

Assistant Medical Officers (part-time)

M. M. THIERENS, M.B., ch.B.
S. V. JOSHI, M.B., B.S., D.C.H.
R. PENDLEBURY M.B., ch.B.
P. H. STEWART,
P. N. RAMPAL, M.B., B.S.

Part-time Consultant Medical Officers

J. EVANS M.D., F.R.C.S. (Oto-Rhinology)
L. READ, M.A., M.B., B.Ch., M.R.C.S., L.R.C.P. (Venereology)
R. WARD, M.D., M.R.C.P. (Chest Physician)
P. R. STEVENS, M.R.C.S., L.R.C.P., D.O. (Ophthalmology)
J. G. THURSTON, B.A., M.B., B.Ch., M.R.C.O.G. (Obstetrics & Gynaecology)
D. M. SOMERVILLE, M.B., ch.B. (Ophthalmology)

Dental Officers

J. RIGBY, L.D.S. (Principal Dental Officer)
J. GREGSON, B.D.S.
W. BLACKWELL, (*part time*)
BURKE MRS. L. G. (*part-time*)

Public Analyst (part time)

R. FAWCETT, F.R.I.C.

Chief Public Health Inspector	abcd	F. B. Addy
Deputy Chief Public Health Inspector	abc	C. Ainsworth
Superintendent Nursing Officer	a	Miss L. M. Brown, S.R.N., S.C.M., H.V.Cert.
Deputy Superintendent Nursing Officer		Miss M. E. Thomas, S.R.N., S.C.M., H.V.Cert., Q.S.
Non-Medical Supervisor of Midwives & Superintendent District Nursing Service		Miss A. O'Connell, S.R.N., S.C.M., R.F.N., Q.S., H.V.Cert.
First Assistant Superintendent District Nursing Service		Miss C. M. Hayes, S.R.N., S.C.M., Q.S.
Public Health Inspectorate		
Sampling Officer	abe	T. G. Marsden
Senior Meat Inspector	ab	E. Duerden
Factories & Smoke Abatement Officer	aci	J. Pye, A.I.Plant.E.
Senior Housing Inspector	a	F. Forrest
Shops and Offices Inspector	a	N. Morris
Senior District Inspector	a	R. Riley
District Public Health and Assistant Meat Inspectors		6
Technical Assistant (Housing)		1
Technical Assistants for Smoke Control		2
Pupil Inspectors		3
Rodent Operators		5
Medico-Social Work, Health Visiting and Clinic Nursing		
Medico-Social Workers		24
Health Visitor/School Nurses		4
Student Health Visitors		3
Clinic Nurses (including part-time)		18
Midwifery Service		
Midwives (including part-time)		12
Home Nursing Service		
District Nurses :		
Full-time (including 1 male nurse)		13
Part-time		14
State Enrolled Nurses		5

Day Nurseries

Matrons	5
Deputy Matrons	5
Nursery Nurses	10
Wardens	2
Others	22
Domestic Staff (including part-time)	26

Mental Health Service

Senior Mental Welfare Officer	(j) A. NELSON, S.R.N., R.M.N.
Mental Welfare Officers	5

Adult Training Centre

Manager	A. CARTMELL
Deputy Manager	F. HOWARTH
Instructors	6

Junior Training Centre

Supervisor	(f) Mrs. J. HOLDING
Assistant Supervisors and other staff	5
Domestic Staff	2

Hostel for Mentally Subnormal Adults (Males)

Superintendent	J. DUBBELING (from April) T. CLARK (to March)
Assistant Superintendent	Mrs. E. E. REEVES
Domestic Staff	4

Hostel for Mentally Subnormal Adults (Females)

Matron/Cook	Miss B. McDEVITT
Deputy Matron/Cook	Mrs. S. J. FLANNAGAN (from June to Aug.) Mrs. V. LEACH (to June) Mrs. S. Spencer (from Nov.)

Home Help Service

Organisers	West: Mrs. D. M. WALSH East: Mrs. C. A. PENNINGTON
Home Helps (including part-time)	138

Physiotherapy

Senior Physiotherapists	Mrs. M. J. PHILLIPS Mrs. B. J. LAMBERT
Physiotherapists	1 part-time

Chiropody

Chiropodists	J. POLLARD, M.Ch.S. P. L. FOXCROFT, M.Ch.S. Mrs. C. SAYLE (neé Rayner) (to June) C. I. HUNT, M.Ch.S. (from Aug.)
Occupational Therapists	MRS. S. PRICE, M.A.O.T. MISS J. M. ENTWISLE, M.A.O.T. (to Nov.)

Orthoptists :	Miss M. Watt, D.B.O.
Speech Therapist :	Mrs. J. B. Scott Mrs. J. Knight (part-time) Mrs. R. M. Banks, nee Daniels
Dental Attendants :	
Senior Dental Attendant	Miss L. E. Walsh
Attendants	2 (one part-time)
Audiometrician :	E. Townson
Ambulance Service	
Ambulance Officer	D. P. Kennedy
Deputy Ambulance Officer	L. Long
Ambulance Personnel	44
Welfare Officers	2
Home Teachers of the Blind	2

Homes for the Aged

Park View

Matron	Mrs. B. Shaughnessy (from Nov.)
Superintendent	D. R. Strange (to Sept.)
Deputy	Mrs. M. G. Charnley (to Sept.)
Attendants	13 Full time; 2 part-time
Domestic Staff	4 Full-time ; 2 Part-time

West Bank

Matron	Mrs. E. Sharples
Deputy	Mrs. H. Edmonds
Attendants	7 Full-time ; 3 Part-time (Night Attendants)
Domestic Staff	6 Full-time ; 1 Part-time

Hillside

Matron	Mrs. E. M. Morgan
Deputy	Miss M. McCarty (to June) Mrs. E.H. Jones (from June)
Attendants	6 Full-time ; 4 Part-time (Night Attendants)
Domestic Staff	4 Full-time ; 3 Part-time

Shadsworth House

Superintendent	H. Jones
Deputy	Mrs. J. Briggs (to June)
	Mrs. K. Heald (from Aug.)
Attendants	6 Full-time ; 2 Part-time (Night Attendants)
Domestic Staff	6 Full-time; 1 part time

Feniscliffe Bank

Matron	Mrs. M. W. Kirk
Deputy	Mrs. C. Shaughnessy (to Nov.)
	Mrs. E. Astin (from Dec.)
Attendants	6 Full-time ; 3 Part-time (Night Attendants)
Domestic staff	6 Full-time.

Burnside

Matron	Mrs. M. Margerison
Deputy	Miss M. Y. Johnson
Attendants	7 Full-time ; 3 Part-time (Night Attendants)
Domestic staff	9 Full-time ; 1 part-time

Laneside

Matron	Miss J. A. Isterling
Deputy	Mrs. J. H. Harris
Attendants	7 Full-time ; 1 Part-time
	4 Part-time (Night Attendants)
Domestic staff	8 Full-time

Longshaw

Superintendent	E. Marsh
Deputy	Mrs. M. Heys
Attendants	7 Full-time ; 2 part-time; 4 part-time nights)
Domestic staff	8 Full-time ; 1 Part-time

Kingsway (from Nov.)

Matron	Mrs. M. L. Pomfret (from Nov.)
Deputy	Mrs. C. Barham (from Nov.)
Attendants:	6 Full-time ; 3 Part-time.
Domestics:	8 Full-time ; 1 Part-time.

Workshop for the Blind

Manager	R. P. Snowden
Clerical Staff	1
Sales Representative	1
Sighted Staff	6 (including Supervisory 1) ; 1 Part-time
Blind and other Disabled Workers	17 (plus 1 Trainee)

Administrative and Clerical

Principal Administrative Officer	a	T. Hodson
Deputy Principal Administrative Officer	gh	W. E. Turner
Administrative Assistant for Field Services	g	W. R. Hindle

Senior Section Officers

West Division	h	H. E. JONES
East Division		T. N. RICHARDSON (to Nov.)
Secretary to Medical Officer of Health		Mrs. B. J. THORNTON
Public Health Inspectorate	g	Mrs. O. CROSSLEY

Clerical Staff, Receptionists and Telephonists

62

Miscellaneous

Attendants, Drivers	3

Key to Qualifications not otherwise shown

(a) Certificate of the Public Health Inspectors' Education Board
(b) Certificate in Meat and Other Foods
(c) Smoke Inspectors' Certificate
(d) Certificate in Sanitary Science as applied to Buildings and Public Works.
(e) Certificate of the Institute of Public Health and Hygiene
(f) Diploma for Teachers of the Mentally Handicapped
(g) Local Government Clerical Division Examination
(h) Diploma in Municipal Administration
(i) Cert. Advanced Fuel Technology, C. & G. Lond. Inst.
(j) Cert. in Social Work

r. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my 12th Annual Report on the Health and Social Services during 1970.

In 1969, I set out a full history of the Health Department's contribution to the health and welfare of the inhabitants of Blackburn over the past hundred years. I also expressed my fears as to the future in the light of proposed changes affecting Local Government in general and the Health Services in particular.

By the end of 1970, my fears were obviously being realised as far as the Social Services were concerned. At the time of writing this Report, my fears for the future of the Health Service, with limited information which has as yet filtered through, are still unabated. I remain most concerned as to the possible fate of the Community Services once their administration at policy level has been swallowed up by a colossus at Regional Area, completely divorced from the very real (and, yes, parochial) needs of the lesser urban, and truly rural areas of the new Administration.

However, the die is cast, and we must await the detailed plans, expected early in 1972. My fears may prove unjustified.

Having commented in detail last year, however, there is little further to add in this Report and succeeding pages are mainly a statistical catalogue of events during 1970.

Some points of interest are:

Birth Rate	19.3 compared with 16.0 for England and Wales.		
Death Rate	16.5 compared with 11.7 for England and Wales.		
Tuberculosis	Notifications:	1970	140
		1969	69
		1968	56
		1967	45
		1966	38

Health Centres: At the end of the year, General Practitioners operating from the various Health Centres were:

Larkhill	4 Practices (4 GP's) 27 Surgeries per week.
Montague	5 Practices (6 GP's) 53 Surgeries per week.
Little Harwood	1 Practice (5 GP's) 37 Surgeries per week.
Bentham Road	2 Practices (6 GP's) 15 Branch Surgeries per week.

Treatments were carried out as follows:

Larkhill	3367
Montague	7534
Little Harwood	7786

With the future Area Health Boards in mind and the anticipated transfer of certain sections to the new Social Services Department, it is hoped that a start will be possible during 1971 in the attachment of Health Visitors, District Nurses and Midwives to some General Practices.

To date our efforts have been frustrated by the demands of the Welfare Services on inadequate numbers of staff and the problems associated with the traditional forms of Health Department work-loads and districts. Investigations have proceeded during the year in an attempt to iron out the difficulties and thus ensure a smooth progress when the changes are brought into effect.

In conclusion, I again express my thanks to the Chairman and members of both the Health and Social Services and Education Committees for their continued interest.

J. ARDLEY

Medical Officer of Health.

VITAL STATISTICS

VITAL STATISTICS

Area (in Acres)	8,080
Population (Census 1961)	106,242
,, (Estimated middle of 1970)	100,010
Rateable Value	£3,612,114
Sum Represented by a Penny Rate	£14,206
Rate in the £ (excluding Water), 1969/1970	15/9 (Domestic) 17/- (Commercial)

EXPENDITURE ON HEALTH AND SOCIAL SERVICES TO 31.3.70.

	Expenditure £	Income £	Nett expenditure £
Health Services—			
1946 Act Account	490,276	72,380	41,896
General Account	50,781	2,446	48,335
Welfare of Aged	352,801	99,447	253,354
Welfare of Blind and Handicapped	24,038	1,670	22,368
Workshops for Blind (nett)	—	—	12,285

LIVE BIRTHS :

Legitimate	1,754	Males	1018	Birth Rate	19.3
Illegitimate	181	Females	917	(England & Wales	16.0)
Total	1,935				

STILLBIRTHS :

Total .. .. 31 Rate per 1,000 total births and still births 16.0

PERI-NATAL MORTALITY :

Total .. .. 50 Rate per 1,000 total births and still births 25.00
(*i.e.* Stillbirths and Deaths under one week). Comparison with previous years : 1969—32.00
1968—28.75
1967—25.45
1966—32.17
1965—28.79

INFANT MORTALITY :

(*i.e.* Deaths under one year of age.)	Legitimate	31	Rate per 1,000 live births	Legitimate	18.00
	Illegitimate	4		Illegitimate	22.00
	Total	35		All	18.00

MATERNAL MORTALITY :

From Sepsis ..	Nil.	Rate per 1,000 live and	.. 0.51
Other Causes ..	1	still births	

DEATHS :

Males	771	Death Rate	16.5
Females.. ..	880	(England and Wales)	11.7
	1,651		

Percentage of deaths occurring in Institutions.. .. 58.5%

Causes of Death, 1970 :

During 1970 the chief causes of death were :

	No. of Deaths	*Rate per 1,000 population*
Ischaemic Heart Disease	374	3.74
Circulatory diseases	199	1.99
Malignant Neoplasms	312	3.12
Other diseases of the Respiratory System—Non-T.B.	37	0.37
Cerebro-vascular disease	196	1.96
Pneumonia	216	2.16
Bronchitis and Emphysema	130	1.30
Congenital Anomalies	7	0.07

Other Diseases of bodily systems, and group diseases to which death was assigned :

	No. of Deaths	*Rate per 1,000 population*
Peptic Ulcer	12	0.12
Renal System	4	0.04
Enteritis and other diarrhoea diseases (under 2 years)	3	0.03
T.B.—all forms	6	0.06
Infectious and infective diseases	2	0.02

CAUSES OF DEATH OF BLACKBURN RESIDENTS
during different periods of life, 1970

TABLE 1

CAUSES OF DEATH	Sex	Total all Ages	U'der 4 wks	and under 1 year	AGE IN YEARS 1—4	5—14	15–24	25–34	35–44	45–54	55–64	65–74	75+
1. Enteritis and other Diarrhoeal Diseases	M	3	..	2	..	..	..	..	..	1	..	..	..
	F	..	..	..	..	..	..	..	..	..	..	..	..
2. Tuberulosis of Respiratory System	M	2	..	..	..	..	..	..	..	..	..	1	1
	F	1	..	..	..	..	1	..	..	..	..	..	..
3. Late Effects of Respiratory T.B.	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	1	..	..	..	..	..	..	..	1	..	..	..
4. Other Tuberculosis	M	2	..	..	1	..	1	..	..	..	..	..	..
	F	..	..	..	..	..	..	..	..	..	..	..	..
5. Other Infective and Parasitic Diseases	M	1	..	..	1	..	..	..	..	..	..	..	..
	F	1	..	..	..	..	..	..	..	1	..	..	..
6. Malignant Neoplasm, Buccal Cavity, etc.	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	1	..	..	..	..	..	..	..	..	..	..	1
7. Malignant Neoplasm, Oesophagus	M	3	..	..	..	..	..	..	..	..	1	1	1
	F	3	..	..	..	..	..	..	..	..	..	1	2
8. Malignant Neoplasm, Stomach	M	19	..	..	..	..	..	..	1	..	3	9	6
	F	32	..	..	..	..	..	..	..	3	3	10	16
9. Malignant Neoplasm, Intestine	M	19	..	..	..	..	..	..	..	1	3	12	3
	F	35	..	..	..	..	..	..	1	..	11	6	17
10. Malignant Neoplasm, Larynx	M	3	..	..	..	..	..			...	1	2	..
	F	..	..	..	..	..	..	..	..	..	..	..	..
11. Malignant Neoplasm, Lung, Bronchus	M	63	..	..	..	..	..	..	1	8	21	25	8
	F	9	..	..	..	..	..	..	1	..	2	4	2
12. Malignant Neoplasm, Breast	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	19	..	..	..	..	..	..	2	2	5	6	4
13. Malig. Neoplasm, Uterus	F	10	..	..	..	..	..	..	..	3	3	2	2
14. Malig. Neopm, Prostate	M	7	..	..	..	..	..	..	..	..	2	3	2
15. Leukaemia	M	3	1	..	..	..	..	..	..	..	..	1	1
	F	4	..	..	..	..	..	..	..	..	..	1	3
16. Other Malignant Neoplasms	M	38	..	..	..	..	3	..	2	7	13	11	2
	F	44	..	..	..	..	..	1	2	4	7	17	13
17. Benign and Unspecified Neoplasms	M	1	..	..	..	..	..	..	..	..	1	..	..
	F	1	..	..	..	..	..	1	..	..	..	..	..
18. Diabetes Mellitus	M	6	1	..	..	..	..	1	..	1		3	..
	F	2	..	..	..	..	..	..	..	..	..	1	1
19. Other Endocrine, etc. Diseases	M	1	..	..	..	..	..	..	1	..	..	..	..
	F	3	..	..	..	..	..	..	..	..	..	1	2
20. Anaemias	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	7	..	..	..	..	..	1	..	..	..	2	4
21. Other Diseases of Blood, etc.	M	..	..	..	..	..	..	..	..	..	..	..	..
	F	1	..	..	..	..	..	..	..	..	1	..	..
22. Meningitis	M	1	..	..	..	..	..	..	..	..	1	..	..
	F	..	..	..	..	..	..	..	..	..	..	..	..
23. Multiple Sclerosis	M	...	..	..	..	..	..	..	..	..	...	...	...
	F	1	..	..	..	..	..	..	...	1	..	...	...
24. Other Diseases of Nervous System, etc.	M	4	1	..	..	..	..	..	..	..	1	2	..
	F	3	..	..	..	..	..	..	..	..	..	3	..
25. Chronic Rheumatic Heart Disease	M	5	..	..	..	..	..	..	1	3	..	1	..
	F	15	..	..	..	..	..	..	..	2	2	4	7

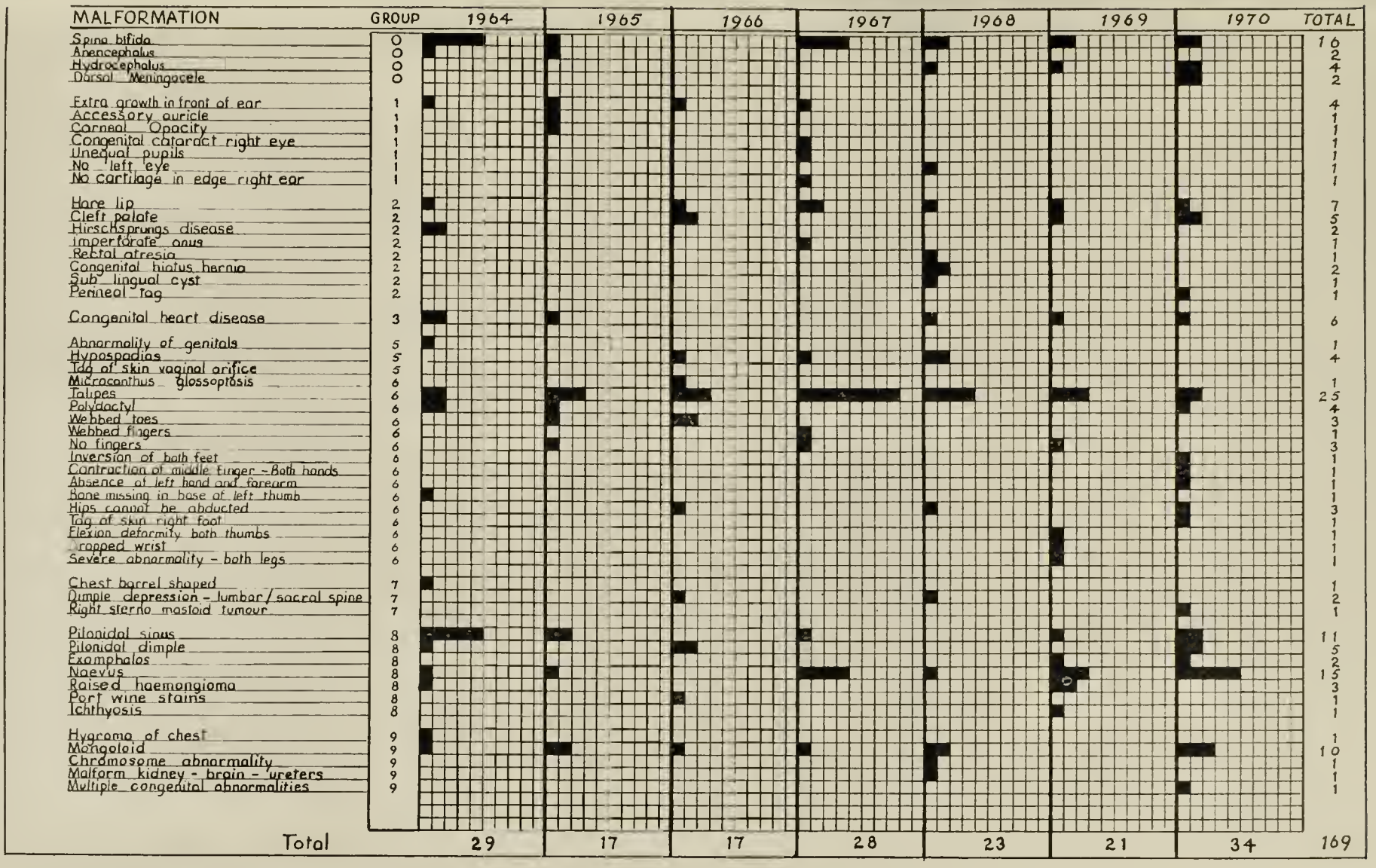
CAUSES OF DEATHS OF BLACKBURN RESIDENTS (*continued*)

CAUSES OF DEATH	Sex	Total all Ages	U'der 4 weeks	and under 1 year	AGE IN YEARS								
					1—4	5—14	15–24	25–34	35–44	45–54	55–64	65–74	75 +
26. Hypertensive Disease ..	M	11	..	..	..	..	..	..	..	3	3	2	3
	F	13	..	..	..	..	..	..	..	..	2	2	9
27. Ischaemic Heart Disease	M	204	..	..	..	..	..	1	8	27	63	69	36
	F	170	..	..	..	..	..	..	..	3	29	50	88
28. Other Forms of.. Heart Disease.....	M	23	..	..	..	..	..	1	1	2	2	3	14
	F	71	..	..	..	..	..	..	..	1	2	10	58
29. Cerebrovascular Disease	M	69	..	..	..	..	1	..	..	7	15	29	17
	F	127	..	..	..	..	..	..	2	1	14	36	74
30. Other Diseases of Circulatory System ..	M	21	..	..	..	..	..	1	..	1	1	8	10
	F	40	..	..	..	..	..	1	..	...	2	6	31
31. Influenza	M	11	..	..	..	..	..	..	..	..	3	4	4
	F	6	..	..	..	..	..	..	1	..	1	..	4
32. Pneumonia	M	86	..	2	..	..	..	..	..	4	14	23	43
	F	130	..	..	1	..	..	..	..	..	8	22	99
33. Bronchitis and Emphysema	M	74	..	..	..	..	..	..	..	2	14	31	27
	F	56	..	..	..	..	1	..	1	1	6	12	35
34. Asthma	M	3	..	..	..	..	1	..	..	..	1	..	1
	F	..	..	..	..	..	..	..	..	..	..	..	..
35. Other Diseases of Respiratory System ..	M	10	..	2	..	..	1	..	..	1	1	3	2
	F	7	..	2	1	..	..	..	..	..	..	1	3
36. Peptic Ulcer	M	9	..	..	..	..	..	..	..	1	2	3	3
	F	3	..	..	..	..	..	..	..	1	..	1	1
37. Intestinal Obstruction and Hernia	M	1	..	..	..	..	..	..	..	..	..	..	1
	F	6	..	..	..	..	..	..	..	1	..	..	5
38. Cirrhosis of Liver	M	2	..	..	..	..	..	..	..	..	1	1	..
	F	1	..	..	..	..	..	..	..	..	..	..	1
39. Other Diseases of Digestive System	M	9	..	..	..	..	..	1	..	..	5	1	2
	F	8	..	..	..	..	..	..	..	1	..	1	6
40. Nephritis and Nephrosis	M	3	..	1	..	..	..	..	..	..	1	..	1
	F	1	..	..	..	..	..	..	..	..	..	1	..
41. Other Diseases, Genito-Urinary System	M	7	..	..	..	..	1	..	..	1	..	3	2
	F	4	..	..	..	..	..	..	1	..	1	1	1
42. Other Complications of Pregnancy, etc.	F	1	..	..	..	..	..	1	..	..	..	..	..
43. Diseases of Skin, Subcutaneous Tissue ..	M	..	..	..	..	..	..	..	...	...	.	...	..
	F	1	..	..	..	..	..	..	...	...	...	...	1
44. Diseases of Musculo-Skeletal System	M	1	...	...	...	...	...	...	..	...	...	1	..
	F	2	.	..	...	...	...	...	...	..	...	...	2
45. Congenital Anomalies ..	M	4	3	..	..	..	..	..	..	..	..	1	..
	F	3	2	..	..	..	..	..	..	1	..	..	..
46. Birth Injury, Difficult Labour, etc.	M	6	6	..	..	..	..	..	..	..	..	..	..
	F	3	3	..	..	..	..	..	..	..	..	..	..
47. Other Causes of Perinatal Mortality ..	M	6	5	1	..	..	..	..	..	..	..	..	..
	F	2	2	..	..	..	..	..	..	..	..	..	..
48. Symptoms and Ill Defined Conditions ..	M	4	..	..	..	..	..	..	..	..	..	..	4
	F	10	..	..	..	..	..	..	..	..	..	1	9
49. Motor Vehicle Accidents	M	6	..	..	..	..	2	..	..	2	.	2	..
	F	5	..	..	..	1	1	..	..	..	1	...	2
50. All Other Accidents	M	13	..	1	..	3	1	2	..	2	..	1	3
	F	8	..	..	..	1	..	..	..	1	..	1	5
51. Suicide and Self-Inflicted Injuries	M	5	..	..	..	..	..	..	2	1	1	..	1
	F	5	..	..	..	..	..	..	..	..	3	1	1
52. All Other External Causes	M	2	..	..	..	..	..	..	1	..	..	..	1
	F	4	..	..	..	..	..	..	..	1	3	..	..
Total All Causes	M	771	17	9	2	3	11	7	18	75	174	256	199
	F	880	7	2	2	2	3	5	11	29	106	204	509

TABLE 4 — CONGENITAL ABNORMALITIES NOTIFIED AT BIRTH

Code	Category	1964	1965	1966	1967	1968	1969	1970
0	CENTRAL NERVOUS SYSTEM							..
	Spina Bifida	5	1	..	3	2	2	3
	Anencephalus	1	1	..	..	..	..	..
	Hydrocephalus	..	..	..	1	1	1	1
	Dorsal Meningocele	..	..	..	..	..	..	2
1	EYE AND EAR							
	Ear—Rt. accessory auricle	1	2	1	1	..	..	..
	Corneal Opacity—both lens	..	1	..	..	..	..	..
	Cataract—congenital	..	..	..	1	..	..	..
	Pupils—unequal	..	..	..	1	..	..	..
	Left eye—absent	..	..	..	..	1	..	..
	Ear—cartilage defect	..	..	..	1	..	..	..
2	ALIMENTARY SYSTEM							
	Hare Lip	1	..	1	1	1	1	1
	Hirchsprung disease	2	..	..	..	..	..	..
	Umbilical hernia	1	..	..	..	..	..	..
	Cleft Palate	..	..	2	1	..	1	2
	Anus—imperforate	..	..	..	1	..	..	..
	Rectal Atresia	..	..	..	..	1	..	..
	Congenital hiatus hernia	..	..	..	..	2	..	..
	Sub lingual cyst	..	..	..	..	1	..	..
	Glossoptosis microenathus	..	..	1	..	..	..	..
3	HEART & CIRCULATORY SYSTEM							
	Congenital Heart Lesion	2	1	..	..	..	1	1
	Heart—septal defect	..	..	..	..	1	..	..
5	URINO-GENITAL SYSTEM							
	Genitals	1	..	..	..	..	..	1
	Hypospadias	..	..	1	1	2	..	1
	Malformation—kidney	..	..	..	..	1	..	..
6	LIMBS							
	Osteomalacia	1	..	..	..	..	..	..
	Talipes	2	3	3	7	4	3	2
	Polydactyly	1	..	..	..	..	..	1
	Thumb—bone missing	1	..	..	..	..	..	..
	Extra digits—both hands	1	1	..	..	..	..	..
	Webbed Toes	..	1	2	..	..	..	1
	Hand—fingers malformed	..	1	..	1	..	1	1
	Hand—webbed finger	..	..	..	1	..	..	..
	Hips—Bilateral dislocation	..	..	..	..	1	..	1
	Syndactyly—toes	..	..	..	..	2	..	..
	Flexion deformity—thumbs	..	..	..	..	..	1	..
	Dropped wrist	..	..	..	..	..	1	..
	Legs—severe abnormality	..	..	..	..	..	1	..
	Absence of left forearm	..	..	..	..	..	..	1
7	OTHER PARTS OF MUSCULO-SKELETAL SYSTEM							
	Sacrum—irregularity	1	..	..	..	..	..	..
	Muscle deformity	..	..	1	..	..	..	..
	Crown of head	..	..	..	..	1	..	..
	Base of spine—depression	..	..	1	..	1	..	..
	Rt. Sterno mastoid rumour	..	..	..	..	..	..	1
8	OTHER SYSTEMS							
	Pilonoidal sinus	5	2	..	1	..	1	3
	Pilonoidal dimple	1	..	2	..	..	..	1
	Haemangioma	1	..	..	..	..	2	..
	Birthmarks	1	1	1	4	..	3	5
	Ichthyosis	..	..	..	..	..	1	..
	Exomphalos	..	..	..	..	..	1	1
	Perlneal Skin Tag	..	..	..	..	..	..	1
	Rt. Foot Skin Tag	..	..	..	..	..	..	1
9	OTHER MALFORMATIONS							
	Hygroma Chest	2	..	..	..	..	..	..
	Mongolism	..	2	1	1	2	..	2
	Multiple malformations	..	..	..	1	..	..	2
	Chromosome abnormality	..	..	..	..	1	..	..
	Disorders of function:	..	..	..	..	..	..	..
	Metabolic Acidosis	..	..	..	..	..	..	1
	Totals	**31**	**17**	**17**	**28**	**25**	**21**	**37**
	Grand Total			**176**				

CONGENITAL MALFORMATIONS after re-classification



SANITARY CIRCUMSTANCES FOOD SUPPLY AND INFECTIOUS DISEASES

HOUSING

(a) General

Houses built during 1970 :		
(i) By Corporation :	Houses and Flats	458
(ii) By Private Enterprise :	Houses	211
	TOTAL	669

(b) Statistics

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR :

(1)	(a)	Total Number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	1307
	(b)	Number of inspections made for the purpose	4165
(2)	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	Nil
	(b)	Number of inspections made for the purpose	Nil
(3)		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	38
(4)		Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	1087

2 REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or their officers	699

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

A. Proceedings under the Housing Act, 1957, ss 9, 10 and 16 :

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	1
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—	
	(a) By Owners	Nil.
	(b) By local authority in default of owners	Nil.

B. Proceedings under Public Health Acts :

(1) Number of notices outstanding at 31.12.69	12
(2) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	169
(3) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	84
(b) By local authority in default of owners	74
(4) Number of notices oustanding at 31.12.70	23

C. Proceedings under ss. 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil.
(3) Number of dwelling-houses in respect of which Closing Orders were made	Nil.
(4) No. of dwelling-houses in respect of which Closing Orders were determined	Nil
(5) Undertaking accepted not to relet	27
(6) Dwelling-houses demolished voluntarily	Nil.

D. Proceedings under Section 18 of the Housing Act, 1957 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil.

E. Proceedings under Blackburn Improvement Act 1882 :

(1) Number of houses closed under Section III.	9
(2) Number of houses demolished under Section 112.	Nil.

SANITARY INSPECTION OF THE AREA.

During the year, a total of 20,025 visits and inspections were made by the Public Health Inspectors :

Number of complaints investigated	2247
Applications for Corporation Houses	502
Choked sewers or Street Gullies	133
Choked or defective drains	299
Common Yards, Passages, etc.	116
Dirty and Verminous Premises	326
Food Shops	1805
Infectious Diseases	798
Inspections of dwelling houses	1307
Interviews	781
Knackers Yards	27
Licensed premises	341
Lodging Houses, Common	6
Houses in multiple occupation	78
Miscellaneous	2126
Offensive Trades	25
Rent Act	—
Rodent Control	517
Schools	127
Smallpox Contacts	35
Smoke Observations	30
Stables & Piggeries	13
Wasps Nests	49
Theatres and Cinemas	34
Re-visits after Notice, Dwelling Houses	3303
Revisits after Notices, Other Premises	1396
Ineffectual Visits	1915
Slum Clearance	587
Clean Air Stations	215
Water Samples	20
Drains Tested	347
Noise Abatement	148
Pet Shops	15
Factories	387

SLUM CLEARANCE

Report by Mr. F. Forrest, Senior Housing Inspector.

The representations of the Galligreaves Street Clearance Areas Nos. 1, 2 and 3 has maintained the progress as required by the Clearance Programme.

These Areas, which will be incorporated into one large Compulsory Purchase Order, are the largest annual representation of unfit properties since Clearance re-commenced in 1956.

It is becoming increasingly more noticeable that the unsatisfactory housing is steadily disappearing from the Borough, but it would be dangerous to allow any feelings of complacency to develop as the problem, still to be dealt with, is blatantly obvious.

The impact of the Improvement Grant Scheme will, no doubt, tend towards easier living conditions. The introduction into homes of lush, modern fittings will lessen the work for the housewife, and, no doubt, the pattern for family upbringing will improve. However, it must not be forgotten that these fittings will be installed into structures, many of which are between 80 and 100 years old, and this factor must not be under-emphasised.

Four walls and a roof, even with the basic amenities, do not make a home. A good house cannot wholly offset the depressing effects of drab surroundings. The mass building of "bye-law" housing following the Public Health Act. 1875, has left such towns as Blackburn with a huge problem, for which there there is no easy answer.

One hope lies in that, with the increased educational facilities, the aspirations of the modern homemaker will offset the depressed apathy of people who have grown habituated to neglect and deprivation.

TABLE 3

PROGRESS REPORT — SLUM CLEARANCE

TO DECEMBER 31st, 1970.

Name of Area		Date of Representation	Number of Premises Represented		Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Canning Street	No. 1	Aug. 63	1st year 4		Oct. 64	..	Sept. 67
Canning Street	No. 2	Aug. 63	182			..	Sept. 67
Canning Street	No. 3	Aug. 63	2			..	Sept. 67
Eccles Street		Oct. 63	181		Jan. 65	..	Sept. 67
Tontine Street	No. 1	Nov. 63	57	442		..	Sept. 66
Tontine Street	No. 2	Nov. 63	4			..	March 67
Richmond Hill	No. 1	Nov. 63	4			..	March 67
Richmond Hill	No. 2	Nov. 63	5			..	March 67
Richmond Hill	No. 3	Nov. 63	3			..	
Bank Top	No. 1	Feb. 64	2nd year 92		Feb. 65	..	Nov. 66
Bank Top	No. 2	Feb. 64	31			..	Jan. 67
Bank Top	No. 3	Feb. 64	2			..	May 66
Primrose Hill		April 64	20		May 65	..	July 66
Kemp Street	No. 1	April 64	88		July 65	..	May 68
Kemp Street	No. 2	April 64	8		July 65	..	March 67
Paradise Lane	No. 1	Dec. 64	17			..	Oct. 68
Paradise Lane	No. 2	Dec. 64	3			..	Dec. 98
Paradise Lane	No. 3	Dec. 64	2		Dec. 66	..	Dec. 68
Paradise Lane	No. 4	Dec. 64	3			..	Dec. 68
Paradise Lane	No. 5	Dec. 64	15			..	Jan. 69
Paradise Lane	No. 6	Dec. 64	3			..	Jan. 69
Paradise Lane	No. 7	Dec. 64	5			..	July 68
Birley Street	No. 1	Dec. 64	68			..	May 68
Birley Street	No. 2	Dec. 64	5			..	Nov. 67
Birley Street	No. 3	Dec. 64	3			..	Nov. 67
Birley Street	No. 4	Dec. 64	8			..	Nov. 67
Birley Street	No. 5	Dec. 64	5		July 66	..	Nov. 67
Birley Street	No. 6	Dec. 64	72			..	Nov. 67
Birley Street	No. 7	Dec. 64	15			..	Oct. 67
Birley Street	No. 8	Dec. 64	59			..	Oct. 67

Name of Area		Date of Representation	Number of Premises Represented		Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Accrington Road	No. 1	Dec. 64	22		Feb. 66	..	Feb. 68
Accrington Road	No. 2	Dec. 64	2		..	..	Feb. 68
Barnes Street	No. 1	Dec. 64	4	609	..	..	Aug. 67
Barnes Street	No. 2	Dec. 64	5		..	..	Aug. 67
Barnes Street	No. 3	Dec. 64	4		July 66	..	Feb. 68
Barnes Street	No. 4	Dec. 64	8		..	..	Mar. 68
Barnes Street	No. 5	Dec. 64	40		..	..	Mar. 68
Ashworth Street	No. 1	Dec. 65	3rd year 6		..	..	..
Ashworth Street	No. 2	Dec. 65	4		..	..	..
Ashworth Street	No. 3	Dec. 65	12		..	..	June 67
Ashworth Street	No. 4	Dec. 65	5	350	July 67	..	Mar. 68
Ashworth Street	No. 5	Dec. 65	14		..	..	Oct. 68
Ashworth Street	No. 6	Dec. 65	307		..	..	July 69
Ashworth Street	No. 7	Dec. 65	2		..	..	June 69
Whalley New Road		June 66	4th year 101		Oct. 67	..	Oct. 70
Forrest Street		Nov. 66	51		Oct. 67	..	Oct. 69
Harrison Street		Nov. 66	73		..	..	Feb. 70
Vauxhall Street	No. 1	Nov. 66	8	262	..	3	..
Vauxhall Street	No. 2	Nov. 66	2		..	..	April 68
Islington	No. 1	Dec. 66	25		..	1	..
Islington	No. 2	Dec. 66	2		..	1	..
Goit Street		Purchased Informally	29	46	..	..	Oct. 67
Stanley Street		Purchased Informally	17		..	..	..
					..	..	Jan. 66
Wensley Street	No. 1	Feb. 67	11		..	3	..
Wensley Street	No. 2	Feb. 67	6		..	1	..
Wensley Street	No. 3	Feb. 67	3		..	..	June 69
Wensley Street	No. 4	Feb. 67	13		May 68	..	June 69
Wensley Street	No. 5	Feb. 67	3		..	..	..
Wensley Street	No. 6	Feb. 67	5		..	..	..
Denville Street	No. 1	Aug. 67	139		..	15	..
Denville Street	No. 2	Aug. 67	3		..	..	..
Grimshaw Park	No. 4	Aug. 67	112		Dec. 68	..	Nov. 70

Name of Area		Date of Representation	Number of Premises Represented	Date of Confirmation of Order	Number of houses still occupied	Date Site cleared
Swan Street		Dec. 67	34	May 69	..	Nov. 70
Park Lee Road		Dec. 67	7	Mar. 69	..	Jan. 70
Abbott Street		Dec. 67	11	Jan. 69	..	Nov. 70
Court Fold		Dec. 67	23	July 69	2	Feb. 70
Witton Stocks		Dec. 67	4	July 69	1	..
Harwood Street	No. 1	Dec. 67	23	July 69	2	..
Park Place		Dec. 67	3	Mar. 69	1	..
Iron Street	No. 1	Dec. 67	5	Mar. 69	1	..
Iron Street	No. 2	Dec. 67	3	Mar. 69	..	..
Clayton Street		Dec. 67	5	Mar. 69	3	..
Back Ivy Street		Dec. 67	3	Mar. 69	..	May 69
Redlam		Dec. 67	10	July. 69	6	..
Everton		Dec. 67	9	Mar. 69	2	..
Crossfield Street	No. 1	Dec. 67	4	Mar. 69	2	..
Crossfield Street	No. 2	Dec. 67	7	Mar. 69	3	..
Crossfield Street	No. 3	Dec. 67	2	Mar. 69	1	..
Primrose Terrace		Dec. 68	17	Aug. 69	..	Feb. 70
Anvil Street	No. 1	Dec. 68	13	..	..	..
Anvil Street	No. 2	Dec. 68	14	..	1	..
Anvil Street	No. 3	Dec. 68	215	..	38	..
Anvil Street	No. 4	Dec. 68	18	..	6	..
Anvil Street	No. 5	Dec. 68	2	..	..	..
Anvil Street	No. 6	Dec. 68	11	..	10	..
Anvil Street	No. 7	Dec. 68	4	..	2	..
Anvil Street	No. 8	Dec. 68	3	..	2	..
Thompson Street	No. 1		10	..	1	..
Thompson Street	No. 2		103	..	63	..
Thompson Street	No. 3		2	..	1	..
Thompson Street	No. 4	July 69	60	..	9	..
Thompson Street	No. 5		2	..	..	..
Thompson Street	No. 6		4	..	4	..
Lower Audley	No. 1		6	..	4	..
Lower Audley	No. 2		2	..	1	..
Lower Audley	No. 3	Aug. 69	3	..	..	..
Lower Audley	No. 4		3	..	..	..
Lower Audley	No. 5		103	..	23	..
Fort Street	No. 1		9	..	3	..
Fort Street	No. 2	Dec. 69	96	..	19	..
Galligreave St.	No. 1		217	..	154	..
	No. 2	Dec. 70	180	..	121	..
	No. 3		67	..	20	..

TOTAL OF UNFIT HOUSES DEALT WITH 1956-70

1956 - 62

Number of houses represented in Clearance Areas	1423
Individual unfit houses represented during 7 years	130
Houses acquired for demolition by negotiation	237
	1790

1963 - 70

Number of houses represented in Clearance Areas	3275
Individual unfit houses represented during 7 years	70
Houses acquired for demolition by negotiation	581
Number of houses closed by informal agreement	57
	3983

GRAND TOTAL UNFIT HOUSES DEALT WITH 1956-1970 — 5773

Offensive Trades

The number of offensive trades is three. These consist of one Fat Extracting; one Gut Scraping and one Tripe Boiling. There is also one Knackers Yard. All are visited regularly.

Insanitary Dwellings

Nine houses were closed during the year as being unfit for human habitation.

Verminous Premises and Persons

Two hundred and eighty one premises comprising one thousand and seven rooms have been disinfested. Four hundred and forty four infested persons were treated at the Cleansing Centre.

Infected Premises

Sixty-six private dwelling houses comprising eighty three rooms, were disinfected following cases of infectious disease.

Common Lodging Houses

The Salvation Army Hostel (71 male lodgers) in Regent Street is the only common lodging house in the Borough.

It is inspected regularly and is a well run establishment. The number of homeless men has declined in recent years and this lodging house appears to be quite adequate for their needs.

Houses in Multiple Occupation

There are a number of houses in multiple occupation in the town. There is no preponderence of immigrants occupying this type of accommodation as most appear to buy houses of their own. It is true however that they tend to live in certain areas of the town.

Local Land Charge Enquiries

When properties are put up for sale the solicitor for the purchaser enquires from the Local Authority whether or not there is anything outstanding against the premises. So far as this department is concerned it means checking by the various inspectors to see if any requirements of the following Acts have not been complied with : Public Health ; Housing ; Food and Drugs ; Shops, etc., and Clean Air Acts.

During the year enquiries were received concerning two thousand seven hundred and seventy seven premises.

RODENT CONTROL.

Sewer Control

During the year 970 manholes which had been infested at some time in the past were poisoned using oatmeal with paranitrophenol and the poison fluoracetamide. No test baiting was carried out due to staff shortage and to the other commitments of the operators.

Surface Control

During 1970, 1315 complaints of rat and mouse infestation were received. This is 363 more than the previous year. The number of complaints of rats increased by 74 to 680 and complaints of mice increased by 289 to 635. On investigation however, 321 complaints did not show any infestation. Empty houses which are quickly vandalised and used as rubbish tips continue to be a source of trouble and complaint. During the year a stretch of the Leeds and and Liverpool Canal was treated.

Complaints

No. of complaints received and investigated— :	Rats ..	680
	Mice ..	635
No. of infestations found	Rats ..	408
	Mice ..	586

Survey

No. of properties inspected		833
No. of infestations found	Rats ..	7
	Mice ..	1

Treatments

No. of premises treated	1002
No. of visits re-treatments	4910
Defective drains found	16
Defective drains repaired	11

DISEASES OF ANIMALS ACT

During the year an outbreak of Fowl Pest was confirmed at a poultry farm within the Borough. The appropriate restrictions were put into operation.

At one farm where poultry had been exposed to infection the necessary restrictions were put into operation.

Other visits under the Act were of a routine character.

As in previous years close co-operation with the Officers of the R.S.P.C.A. has been maintained.

Details of action taken are as follows :—

Foot and Mouth Disease (*Controlled Areas Restrictions*) *Orders* 1938 *and* 1956

Movement licences issued	Nil.

Regulation of Movement of Swine Order 1959.

Movement licences issued	59

Diseases of Animals (*Waste Foods*) *Order* 1957.

Visits to licenced plants	4

Fowl Pest Order, 1936

Visits regarding Fowl Pest	7

Cattle Imported from Ireland.

Movement licences issued:	5

Other Visits

Farms (movement records)	68
Cattle Market (transport etc., of animals)	61
Knackers Yards.. .. .. .. (Hygiene and Humane conditions)	27
Pet Shops (Licencing of)	15
Boarding Establishments	3

No prosecutions were instituted during the year but two cautions were issued:

One under the Transit of Animals (Amendment) Order 1931 for using an animal transport vehicle which did not have adequate ventilation, and one under the Regulation of Movement of Swine Order 1959 for moving a pig which was subject to isolation without a licence.

RENT ACT, 1957.

This Act came into operation on 6th July, 1957, and amended the Rent and Mortgage Interest Restrictions Acts 1920 to 1939 and other enactments relating to the control of rents and the right to retain possession of houses. Whilst the Act dealt in the main with matters relating to landlord and tenant, it made provisions whereby a tenant may under certain circumstances, make application to the Local Authority for a certificate of disrepair. No applications were received for certificates of disrepair during the year.

FACTORIES ACT, 1961, AND THE SANITARY ACCOMMODATION REGULATIONS, 1938

	Non-Power	Power	Other Premises	Total
Number of factories on Register	16	630	23	669
Number of Inspections	5	272	9	286
Number of re-visits	..	97	4	101
Cases where defects found	..	51	2	53
Written notices	..	23	..	23
Verbal notices	..	28	2	30
Cases remedied	..	56	2	58
Referred to H.M.I.	..	..	..	..
Referred by H.M.I.	..	3	..	..
Prosecutions	..	..	..	..

Cases where Defects were Found.

	Found	Remedied	Referred to H.M.I.	Referred by H.M.I.	Prosecutions
Sec. 1. Want of Cleanliness ..	2	2	..	..	..
Sec. 2. Overcrowding	..	..	..	..	..
Sec. 3. Unreasonable temperatures	..	..	..	..	..
Sec. 4. Inadequate ventilation	..	..	..	..	..
Sec. 6. Ineffective drainage of floors	..	..	..	..	..
Sec. 7. Sanitary Conveniences					
(a) Insufficient	..	1	..	..	..
(b) Unsuitable or defective	51	55	..	3	..
(c) Not separate for sexes	..	..	..	..	..
Other offences against the Act (not including offences relating to outworkers) ..	..	..	..	..	..
Total	53	58	..	3	..

Progress Report

Smoke Control Order	Acres	Number of Dwellings	No. of other Properties	Date of Order	Date of Confirmation	Date of Operation
No. 1 ..	80.0	1666 Private	100	1 - 9 - 60	18 - 9 - 61	1 - 8 - 62
No. 2 ..	86.6	1343 Private	39	5 - 10 - 61	20 - 3 - 62	1 - 4 - 63
No. 3 ..	346.0	492 Corporation 473 Private	26	18 - 7 - 62	15 - 10 - 62	1 - 11 - 63
No. 4 ..	146.0	80 Corporation 1326 Private	44	8 - 5 - 63	30 - 7 - 64	1 - 7 - 65
No. 5 ..	52.2	123 Corporation 242 Private	127	22 - 4 - 64	15 - 7 - 64	1 - 11 - 65
No. 6 ..	995.0	2 Corporation 1485 Private	33	11 - 8 - 65	9 - 12 - 65	1 - 11 - 66
No. 7 ..	111.5	1527 Private	66	8 - 2 - 67	25 - 4 - 67	1 - 7 - 68
No. 8 ..	104.6	214 Private	22	14 - 8 - 67	30 - 10 - 67	1 - 11 - 68
No. 9 ..	474.0	8 Corporation 1844 Private	101	11 - 9 - 68	6 - 12 - 68	1 - 11 - 69
No. 10 ..	696.0	126 Corporation 1629 Private	31	1 - 10 - 69	23 - 6 - 70	1 - 7 - 71
No. 11 ..	281.0	1401 Private	510	21 - 5 - 71	12 - 8 - 71	1 - 7 - 72
Total	3372	13981	1099	..	..	..

SEWERAGE AND SEWAGE DISPOSAL

I am indebted to the Borough Engineer for the following comments on Sewerage and Sewage Disposal.

The sewage disposal works at Samlesbury now serve not only the whole of the Borough but also caters for certain parts of Blackburn Rural District. The effluent now produced complies with the requirements of the Lancashire River Authority, this being to a standard which is higher than in many other parts of the country.

The sewerage scheme serving the Southerly portion of the Borough referred to previously has been completed and extended from Lower Darwen to Roman Road Industrial Estate.

Authorisation has been given for a new main drainage scheme. This includes a main outfall sewer from Samlesbury Sewage Works to Pleasington Fields. This will be followed by the Blakewater interceptor sewer through the centre of the Borough.

It is also proposed to construct a main drainage scheme from Darwen Street Bridge to Shadsworth Industrial site.

WATER SUPPLY.

I am indebted to Mr. K. Crook, Divisional Engineer (Eastern Division) to the Fylde Water Board for the following report on the town's water supply.

Drains laid: 3" and over	6.505 Km.
Domestic properties connected	639
Separate service pipes under grant-aided scheme	145
Increase in consumption	3.8%

During the year no new sources of supply have been brought into use but the old mill in Wensley Road has been converted into new offices and on May 21st, 1970 the transfer was made from Library Street. A new depot has also been constructed at Wensley Road and on November 7/8th, 1970 the transfer was made from Fort Street Depot enabling the staff and workmen for the first time to be under one roof.

Bacteriological Analysis.

Source of Sample	Number Examined	No. free from Coliform Organisms	Per cent. Satis-factory	Aerobic micro-organisms growing in Yeastral Agar No. of Colonies per ml. of sample	
				in 2 days at 37°C.	in 3 days at 22°C.
Fishmoor Distribution	75	75	100%	1	5
Revidge „	78	76	97%	2	7
Ramsgreave „	26	25	96%	2	6
Eddy Holes „	26	26	100%	2	5

Chemical Analysis

	Ramsgreave system	Fishmoor & Guide system
Appearance	Clear & Bright	Clear & Bright
Colour (Hazen p.p.m. Pt)	3	3
Turbidity (p.p.m. Silica)	Nil.	Nil.
Odour..	Nil.	Nil.
Taste	Normal	Normal
Reaction pH value	7.8	8.0
Electrical Conductivity. u.m.h.o./cc ..	108	100
	p.p.m.	p.p.m.
Residual Chlorine	0.15	0.15
Free and Saline Ammonia as N2	0.15	0.06
Albuminoid Ammonia as N2	0.07	0.02
Nitrous Nitrogen as N2	Negligible	Negligible
Nitric Nitrogen as N2	0.43	0.46
Oxygen absorbed 4 hrs. at 27°C.	0.71	0.34
Free Acidity as CO2	..	..
Carbonate Hardness as CaCO3	20	6
Total Hardness as CaCO3	40	30
Non-carbonate Hardness as CaCO3 ..	20	24
Excess Alkalinity as Na2CO3	Nill	Nill
Calcium as CaCO3	34	23
Magnesium as CaCO3	6	7
Total Solids dried at 180°C.	89	82
Chloride as Cl	10	17
Sulphate as SO4	22	21
Lead as Pb	less than 0.05	less than 0.05
Manganese as Mn	0.02	0.05
Copper as Cu	..	..
Iron as Fe	0.06	0.08
Aluminium as Al	0.09	0.06
Fluoride as F	less than 0.1	less than 0.1

ICE CREAM

The number of premises registered for the manufacture, sale or storage for sale of ice cream has remained constant. During 1970, 11 such applications were received, whilst 11 registrations were cancelled.

Number on Register, 31st December, 1969 ..	559
Number of Registrations discontinued during 1970	11
Number of premises registered during 1970 ..	11
Number on Register, 31st December, 1970 ..	559

Bacteriological Examination

Seventy one samples were taken of which sixty four came within Grade 1, three in Grade 2, four in Grade 3 and none in Grade 4. Two lolly ices were examined and found satisfactory.

Chemical Examination

The present standard is 5% fat and 7½% milk solids not fat.
Seven samples was submitted to the Public Analyst and were chemically satisfactory.

ICE CREAM PREMISES

Four hundred and thirty eight visits were made to registered premises and twenty four warnings given for various contraventions.

Ice Cream Vehicles

Seven vehicles were inspected and two verbal notices given for various contraventions.

DAIRIES AND MILK SUPPLY

Dairies

Three hundred and one visits were made to dairies. Sixteen verbal notices were given and five letters sent for contraventions of the Milk and Dairies Regulations.

Farms

Fifty seven visits were made in connection with adverse reports on milk samples, and advice given to the farmers concerned.

Agriculture (Welfare) Act, 1956

Eighteen farms were visited in connection with the employment of farm labour.

Milk Vehicles

Eleven milk vehicles were inspected during the year. Two verbal notices were given and a letter sent for contravention.

Milk (Special Designations) Regulations, 1960

Two hundred and Thirty-five samples of designated milk were bacteriologically examined.

The following table shows the grades of milk examined and the results of the tests :—

Table 4

Class of Milk	Number of samples	Number satisfactory	Number not satisfactory	Tests Failed		
				Phosphatase	Methylene Blue	Biological-
Pasteurised	86	85	1	..	1	..
Sterilised.....	30	30	..	..	..	..
Ultra Heat Treated	11	11	..	..	..	..
Untreated	108	101	7	..	7	..
All grades examined for Tuberculosis	64	64	..	..	..	..
Brucella Abortus	64	58	6	..	..	..

Brucella Abortus

Six milks were found to be infected with Brucella Abortus organisms. Two were from a herd in Blackburn County Borough. The milk from this herd was required to be heat treated before retail sale.

The remaining four were produced in adjoining areas, the milk being sold retail in the County Borough.

The appropriate Authorities were notified and steps were taken to ensure that the herds concerned were rendered free from infection.

Cream

Thirteen samples of cream were bacteriologically examined and six found to be satisfactory. Seven were reported unsatisfactory.

Foods other than milk

Fifty-six samples of a variety of foods, mainly cooked meats, were sent for bacteriological examination. Of these, ten were considered to be unsatisfactory. The producers and retailers of these unsatisfactory foods were interviewed and advised.

Bottles

Twelve washed mineral water bottles have also been bacteriologically examined. All were reported satisfactory.

Cysticercus Bovis

During the year, no cases were discovered during meat inspection at the Abattoir.

DISPOSAL OF CONDEMNED FOOD.

Public Abattoir. The condemned meat and offal from the Public Abattoir is sold to two firms of fat melters and fertilizer manufacturers. Such material is either processed within the Borough at premises which are regularly visited, or is sold to other processors outside the Borough.

Wholesale Fish Market. Unsound fish is sold to a fertilizer manufacturer outside the Borough.

Other Foods. All other unsound foodstuffs are collected and disposed of by the Corporation.

Special Examination of Consignments. There were no special examinations of consignments of foodstuffs during the year.

Carcases, etc. sent for Utilisation : 75 tons 12 cwts. 43 lbs.

Other Foodstuffs seized or surrendered

Tins and Jars of Miscellaneous Foods	15,849	Fruits	2,868-lbs.
Frozen Foods	5,446-pks.	Vegetables	36,400-lbs.
		Miscellaneous Foods	1,977-lbs.

Number of Visits to Inspect Food

Meat Shops	26	Fish Market	17
Provision Shops	93	Fish Siding	19
Meat Market	27	Miscellaneous	49

Table 5

CARCASES INSPECTED AND CONDEMNED.

	Cattle excd'g Cows	Cows	Calves	Sheep and Lambs	Pigs	Goats
Number killed	4568	4085	343	39635	11149	32
Number inspected	4568	4085	343	39635	11149	32
All Diseases except Tuberculosis :						
Whole carcases condemned	..	21	17	163	61	2
Carcases of which some part or organ was condemned	2231	3650	5	8291	2989	..
Percentage of the number inspected with disease other than tuberculosis	48.84	89.86	6.41	21.33	27.54	6.25
Tuberculosis only :						
Whole carcases condemned	..	..	..	..	..	..
Carcases of which some part or organ was condemned	..	..	..	..	9	..
Percentage of number inspected affected with tuberculosis	..	..	..	..	0.08	..

	Cows	Heifers	Steers	Bulls
Cysticerosis :				
Carcases of which some part or organ was condemned	..	..	..	..
Carcases submitted to treatment by refrigeration	..	..	..	..
Generalised and totally condemned	..	..	..	..

Details of Carcases rejected for diseases other than Tuberculosis :

CATTLE

Fevered	1	Septic Pneumonia	2
Pyaemia	4	Septic Peritonitis	3
Severe Bruising	1	Oedema and emaciation	6
Septic Pericarditis	3	Jaundice	1
		Total	21

SHEEP

Septic Peritonitis	1	Fevered	2
Oedema	11	Mucoid Degeneration	20
Pyaemia	3	Septic Pneumonia	3
Multiple Abscesses	3	Emaciation	113
Multiple Cysts	1	Severe Bruising	3
Multiple Tumours	1	Moribund	2
		Total	163

CALVES

Septic Enteritis	1	Joint Ill	4
Immaturity	7	Pyaemia	4
Septic Pneumonia	1		
		Total	17

PIGS

Pyaemia	24	Fevered	6
Arthritis	1	Oedema	2
Multiple Abscesses	1	Gangrenous	2
Bruising	1	Erysipelas	1
Septic Peritonitis	3	Enteritis	4
Congested	1	Over Scalded	1
Emaciation	14		
		Total	61

INSPECTION OF FOOD PREMISES

There are within the Borough the following food premises :—

Grocers	354
Greengrocers and Wet Fish Shops	40
Butchers	131
Cooked Meat Premises (other than Butcher)	22
Bakers and Confectioners	146
Fried Fish Shops	89
Cafes and Snack Bars	60

The following table shows the numbers and types of premises registered under :—

(a) Food and Drugs Act, 1955 :

Manufacture of Ice Cream	37
Storage and Sale of Ice-cream	559
Manufacture of Sausages	26
Manufacture of Sausages and Cooked Meats	66
Manufacture of Cooked Meats	22

(b) Milk and Dairies (General) Regulations :

Number of Registered Dairies	4

Food Hygiene Regulations, 1960.

Clean Food Byelaws.

Summary of Premises Visited :

Licensed Premises	345
Butchers and Cooked Food Premises	80
Cafes and Snack Bars, etc.	258
Grocers	831
Bakehouses and Confectioners	258
Fish Fryers and Crisp Fryers	201
Greengrocers	172
Mobile Shops	37
Total Visits	2182

Number of Premises Inspected	1555
Number Found Satisfactory	1253
Number Found Unsatisfactory	302
Number of re-visits to Unsatisfactory Premises ..	627
Number of Premises made Satisfactory	246
Visits reproposed Food Premises	56
Miscellaneous visits	38

Food Hygiene Regulations, 1960.

Details of Contraventions Found.

Table 6

Food Premises :

	Found	*Remedied*
Dirty Equipment	62	58
Equipment in bad repair	33	27
Equipment not protected from contamination	1	2
Food placed as to involve risk of contamination	73	75
Persons with dirty clothing	1	1
Persons smoking in food rooms	8	8
Persons with exposed cuts	—	1
Outdoor clothing in food room	—	—

Sanitary Conveniences :

Not indicated with sex of user	1	—
Not in repair	10	8
Inadequately screened	—	—
Not clean	56	47
Not ventilated	3	3
Not lighted	14	12
In direct communication	7	2
No " wash hands " notices	32	34
No door fasteners	7	9
Absence of suitable wash hand basin	13	12
Absence of constant hot water	18	8
Absence of constant cold water	3	1
Absence of soap or detergent	17	11
Absence of nail brushes	22	14
Absence of clean towels, etc.	10	7
Absence of suitable first aid materials	36	28
Absence of suitable accommodation for clothing	4	2
Absence of suitable sink	23	22
Absence of constant hot water to sink	3	1
Absence of constant cold water to sink	—	—
Absence of clean cloths for drying	—	—
Sinks not clean and in working order	4	4
Absence of name & address on food vehicle	5	5

Food Rooms :

Not efficiently lighted	4	2
Not sufficiently ventilated	12	6
Walls not clean	177	160
Walls not in good repair	33	35
Floors not clean	42	36
Floors not in good repair	45	45
Doors not clean	4	4
Doors not in good repair	—	1
Windows not clean	7	6
Windows not in good repair	2	5
Woodwork not clean	20	12
Wood work not in good repair	2	2
Ceilings not clean	146	118
Ceilings not in good repair	19	20
Infestation by rodents	5	5
Accumulation of refuse	18	19

SALE AND EXPOSURE FOR SALE IN THE OPEN AIR

Stalls Visited :

Butchers, Poultry and Rabbits	2231
Biscuits, Confectionery and Cheese	1027
Cooked Meats and Tripe	474
Sweets and Chocolate	395
Fish and Shrimps	1422
Grocers	474
Fruiterers	3033
Number of stalls inspected	9056
Number of stalls found satisfactory	8928
Number of stalls found unsatisfactory	128
Number of revisits to unsatisfactory stalls	128
Number of stalls made satisfactory	128

Details of Contraventions :

	Found	*Remedied*
Inadequate protection of foodstuffs	110	110
Accumulations of Refuse	4	4
Stalls not clean	10	10
Name and address not displayed	2	2
Employees Smoking	2	2

Manufacture of Sausages, Potted, Pressed, Pickled or Preserved Food.

Number of applications received	Nil
Number of applications granted	Nil
Number of applications refused	Nil

Food Poisoning

Thirty four cases of food poisoning were discovered during the year.

Fertiliser and Feeding Stuffs Act, 1926

Twelve informal samples of feeding stuffs and fertilisers were examined by the Analyst during the year. Nine were reported satisfactory and three unsatisfactory. The necessary action was taken following report on the unsatisfactory samples.

Food and Drugs Act, 1955

During the year ninety samples of milk were submitted to the Public Analyst. Eighty three samples were reported satisfactory, six samples were reported unsatisfactory because of poor quality, and one sample unsatisfactory owing to fat deficiency. In each case the producers were advised and a warning given where called for. A further one hundred and forty-three samples of other foods and drugs were taken, eleven of which were reported as adulterated.

The following table shows the action taken respecting the eighteen samples reported not genuine.

Articles sampled	*Analyst's Report*	*Action Taken*
Lemon and Barley Squash	Excess of 140 grains of saccharin in 10 gallons of drink.	Manufacturer interviewed. Formula for processing drink examined and amended.
Bread (complaint)	Contained two pieces of rolled, dried and overheated dough, Both pieces iron stained.	Letter of warning.
Smoker's outfit	All units in package affected with mould.	Vendor interviewed Stock of 38 packages withdrawn from sale.
Sweetening Tablets	Moisture 5.5% B.P. Standards for moisture in soluble saccharin 12—15%.	No action considered necessary.
New Devon Doughnuts	Butterfat content not greater than 2.5% of the filling.	Vendor advised Doubtful whether the word "Devon" implied completely that the filling of the doughnut was wholly cream.
Butterscotch Supreme Dessert.	Sample was devoid of butterfat.	Vendor interviewed. Stock withdrawn from sale.
Potato Crisps	Edible oil in sample rancid. Sample twenty three weeks old.	Warning to producer distributor and retailer.
Cream Doughnut.	Cream in doughnut imitation cream	Fined £15 with £10 costs.
Tonic Tablets	Consisted of tablets of vitamins and ferrous sulphate.	Advised name to be changed to Iron and Vitamin Tablets.
Super Kreem Toffee	Fat content not more than 0.6% of butter.	Does not appear to be any contravention of existing legislation. Therefore, no action taken.
Soft Drink	Sample fermenting. Query old stock.	Sample was examined after the purchaser complained. No further stock available.
Milk	Abnormally low in solid not fat.	Producer advised.
Milk	Abnormally low in solid not fat	Producer advised.
Milk	Slightly deficient in fat content.	Letter of warning sent.
Milk	Abnormally low in solid not fat.	Producer advised.
Milk	Abnormally low in solid not fat.	Producer advised.
Milk	Abnormally low in solid not fat.	Producer advised.
Milk	Abnormally low in solid not fat.	Producer advised.

OTHER COMPLAINTS INVESTIGATED AND ACTION TAKEN

Complaint	*Action Taken*
Alleged beetle in Minestrone Soup.	Beetle was in fact a piece of black conveyor belt—Letter of warning sent.
Bottle of milk containing particles of dust and hay.	Letter of warning sent.
Purchased piece of Chicken alleged to be Rabbit.	No foundation for complaint.
Irish Stew containing large piece of cloth.	Legal proceedings commenced, offending Company gone into liquidation.
Turkey alleged to have caused sickness and diarrhoea.	Remaining portion of Turkey bacteriologically examined and found to be satisfactory.
Pre-packed Sausage mouldy.	Letter of warning sent.
Fowl alleged to be unsound when drawn, found to to have been suffering from coccidiosis	Warning to vendor, advised to draw birds before sale if possible.
Tin of corned beef unfit for human consumption.	Letter of warning to manufacturer.
Unsound cooked portions of Chicken. (Sour)	Letter of warning to vendor.
Dirty fish and chips.	No foundation for complaint
Bread in boiled ham sandwich, slightly mouldy.	Letter of warning to vendor.
Four eggs out of a dozen sold alleged to be bad.	Discussed with vendor, complainant offered replacement eggs.
Milk in bottle alleged to be dirty.	Bottle not dirty, disfigured during manufacture.
Coloured milk.	Producer/retailer interviewed and advised.
Milk in dirty bottle.	Letter to dairy concerned.
Milk in dirty bottle.	Letter to dairy concerned.
Unsound pre-packed bacon.	No foundation for complaint
Ham served in ham salad alleged not to be ham.	Examination revealed the meat in the salad consisted of ham and chopped ham. Letter to vendor.
Tinned milk stated to be unsound.	Examined percentage of cans. These were found to contain evaporated milk which had gone semi-solid. 200 cans returned to Canners.
Bread containing foreign matter.	This was found to be wheat husk and pieces of whole wheat. Also a grub of undeterminable nature was present. Letter to Baker.
Sliced loaf containing piece of wood.	Unable to interview complainant. Bakery concerned notified.
Sliced loaf mouldy.	Letter of warning to Bakery.
Sliced loaf containing fibrous material	Letter of warning to Bakery.
Beetle in packet of crisps.	Letter of warning sent.
Sliced loaf mouldy.	Letter of warning sent.
Pre-packed teacakes mouldy.	Letter of warning sent.
Small sliced loaf mouldy.	Letter of warning sent.
Wasp in jar of Polish Strawberry Jam.	Verbal warning given.

Complaint	*Action Taken*
Sliced loaf mouldy.	Letter of warning sent.
Milk loaf containing piece of cardboard.	Letter of warning sent.
Apple tart containing spider bettle.	Letter of warning sent.
Earwig in cornflakes.	No action. Insufficient evidence to substantiate complaint.
Small sliced loaf mouldy.	Letter of warning sent.
Sliced loaf mouldy.	Letter of warning sent.
Apple tart mouldy.	Letter of warning sent.
Milk in dirty bottle.	Letter of warning to Dairy.
Grub in unsliced loaf.	Letter of warning sent.
Large grape stalk in bottle of sterilised milk.	Letter of warning to Dairy.
Potato Crisps alleged to have caused sickness.	Investigations revealed the crisps were several weeks old and had become rancid. Letter of warning sent.
Mouldy chocolate cake.	Letter of warning sent.
Milk alleged to have peculiar taste.	Milk chemically and bacteriologically examined and found satisfactory.
Carton of Cream containing insect.	Unable to definitely determine nature of insect. Complaint brought to notice of Dairyman concerned.
Earwig in part bottle of milk.	Unable to determine when earwig entered bottle.
Complaint of foreign body in small brown "Speciality Loaf".	Foreign bodies found to be pieces of whole wheat.
Angel cake alleged to be contaminated with paraffin oil.	So far as could be ascertained the cake was satisfactory.
Chocolate Smokers outfit mouldy.	Vendor visited. 38 Smokers outfits destroyed.
Large unsliced loaf containing insects and parts of insects.	These were identified as "the confused flour beetle". Letter of warning to Bakery.
Stone in Mince Tart	Letter of warning to manufacturer.
Bottle of cough mixture alleged to have caused sickness.	Cough mixture chemically examined and found satisfactory.
Soft drinks alleged to have caused sickness.	Chemically examined and found to be old stock. No further stock on sale. Warning letter sent.
Potato cakes unfit for human consumption.	The potato cakes were old, had become wet and were showing signs of mould. Letter of warning sent.
Cream doughnut alleged not to contain cream.	Cream chemically examined and found to be artificial cream. Manufacturer prosecuted and was fined £15 with £10 costs.
Flaked maize contaminated with insects.	Maize examined and found to be infested with live flour moth grubs and dead flour moths. Examined 21 8 oz. packets in shop of vendor and 30 lbs. bulk. All were infested and destroyed. Warning letter sent.

Complaint	*Action Taken*
Complaint of musty meat pie.	Investigations at Bakery revealed meat from one supplier had a musty smell probably due to age. This supply now discontinued Meat pies satisfactory.
Baked beans mouldy.	Letter of warning sent.
Butter rancid.	12 packets withdrawn from sale. Vendors warned.
Potato Puffs with sour taste.	Potato Puffs old and rancid. 14 packets withdrawn from from sale. Warning given to vendor.
Mouldy preformed jelly.	Surface mouldy. Warning given to vendor. Unable to trace manufacturer.
Chocolate alleged to be unsatisfactory.	Chocolate deteriorating with age. Showing slight mould.

NOISE ABATEMENT.

During the year 18 complaints of noise nuisance were investigated. Of these 3 were in relation to noise from industry, 5 from commercial activities and 10 from domestic premises. Of the latter 8 related to barking dogs. Complaints of noise from domestic premises are often difficult to deal with, owing to the necessity of avoiding friction between neighbours.

Investigations are very time consuming because numerous visits, both during the day and often at night are sometimes necessary, in order to properly assess the situation.

There have been no cases where legal action has been necessary and we have relied upon persuasion and co-operation.

Details of complaints investigated are as follows:

(1) **Domestic:** Dog Barking.
Not considered to be a noise nuisance. No further complaints.

(2) **Domestic:** Dog Barking.
This was in a flat. The matter was resolved by the occupier ceasing to keep a dog in the flat.

(3) **Domestic:** Dogs Barking.
Concerned a problem family who kept 5 dogs in the house. Access to the house had to be gained by forcible entry after obtaining a Justices Warrant. The assistance of the Mental Health Officer and the R.S.P.C.A. was obtained. There was some improvement after this episode, but the problem will undoubtedly arise again.

(4) **Domestic:** Dog Howling.
Not considered to be a noise nuisance and no further complaints received.

(5) **Domestic:** Dogs Barking.
After speaking to both the dog owner and the complainant no further complaints were received.

(6) **Commercial:** Noise from cutting and chopping meat in a butchers shop early in the morning and in the evening. Not considered to be a noise nuisance and no action taken.

(7) **Domestic:** Dogs Barking.
An official communication was sent to the owner of the dogs after which no further complaints were received.

(8) **Domestic:** Dog Barking.
After speaking with the owner of the dog, no further complaints were received.

(9) **Domestic:** Dog Barking.
Matter resolved after obtaining the assistance of the R.S.P.C.A.

(10) **Commercial:** Noise from making fireplaces.
The complaint was by a neighbour who complained of the noise caused by a workman cutting stone with a hammer and chisel. Owner of works interviewed. Complainant appeared to be satisfied and no further complaints received.

(11) **Industrial:** Noise from Paper Mill.
Complaint from resident a considerable distance from the mill that when the wind was in a certain direction she could hear and was annoyed by a noise. This was not considered to be a noise nuisance and no action was taken.

(12) **Commercial:** Noise from a Launderette.
Manufacturers of machinery consulted. Various alterations made with no results Finally trouble cleared to a vibrating pipe which, after being insulated, cured the trouble.

(13) **Industrial:** Engineering Works.
Noise caused by gears of a hydraulic press. The assistance of H.M. Inspector of Factories was obtained. After gears enclosed and run in an oil bath, it reduced the noise.

(14) **Commercial:** Noise from Launderette.
Caused by a vibrating dry cleaning machine. Trouble finally resolved by having the machine re-sited in a different position.

(15) **Commercial:** Noise from Launderette.
Complaint not considered to be justified. Complainant withdrew complaint.

(16) **Domestic:** Noise made by neighbours.
After speaking to both parties concerned the matter was resolved.

(17) **Industrial:** Foundry.
A recurrence of a nuisance reported last year. Although some works have been carried out the problem has not yet been solved, but further investigations are proceeding.

(18) **Domestic:** Continuous banging of doors by a neighbour.
After speaking to person concerned no further complaints received.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963
ANNUAL REPORT FOR THE YEAR 1970

(1st January - 31st December)

Report by Mr. N. Morris, Shops and Offices inspector

There was a marked decrease in the number of registered retail shops during the year due mainly to the vaction of premises in Phase III of the Central Area Re-Development and Slum Clearance and Compulsory Purchase Schemes. It was found that a number of employers affected went out of business and those who did not were lax in re-registering their new premises.

Phase of the Central Area Re-development progressed during the year and some doubts arose as to the effectiveness of the ventilation of the service roads in both Phase I and Phase II. Tests carried out in Phase I appeared to indicate that some alteration to the ventilating system would be necessary but the Developer's Consultants did not agree. It was decided to carry out further tests on the completion of Phase II.

Registration and General Inspection of Premises

Ninety-two notifications of employment of persons were received during the year and one hundred and sixty three were taken off the register. Nine hundred and one premises remained on the register at the end of the year. Three hundred and fifty two general inspections were carried out.

Details are set out in Appendix I.

Legal Proceedings

No legal action was required during the year.

Accidents

Twenty-six "Notice of Accident" were received, details being as follows:

Type of Premises	*Cause of Accident*	*Nature of injury to employer.*
1. Retail Shop (Butchers)	Carrying beef	Strained shoulder.
2. Office in Multiple Store	Removing Accounting Machine	Strained back.
3. Retail Shop (Grocers)	Sharpening knife	Laceration of thumb
4. Retail Shop (Cooked Meats)	Slicing bacon.	Cut hand
5. Retail Shop (Radio & T.V.)	Falling out of van	Fractured foot.
6. Wholesale Newsagents	Slipping on string	Fractured ankle
7. Retail Shop (Off Licence)	Falling on floor	Bruising to neck and chest
8. Multiple Store	Tripped over basket holder	Fractured bone in elbow.
9. Retail Shop (Butchers)	Lifting hind quarter of beef	Sprained shoulder.
10. Retail Shop (Grocers)	Knocked tin from shelf	Bruised foot
11. Multiple Store	Falling over pallet	Bruised ribs
12. Gas Board Office	Falling over other employee	Fractured wrist
13. Canteen in Multiple Store	Falling whilst standing on draining board of sink	Concussion
14. Bank	Lifting stationery hamper	Strained back
15. Insurance Office	Knocking over cup of hot water	Scalded leg
16. Retail Shop (Chicken Barbecue)	Cleaning Rotiss-o-mat	Electric shock
17. Retail Shop (Ladies Outfitters)	Catching leg on shopping bag	Bruised leg
18. Multiple Store	Falling on floor	Dislocated shoulder
19. Retail Shop (Television Rentals)	Falling on floor	Strained back
20. Multiple Store	Pushing truck	Strained back
21. Multiple Store	Dropping organ	Bruised head
22. Multiple Store	Stepping on rubbish	Fractured foot
23. Multiple Store	Lifting toys	Sprained back
24. Catering Establishment (Dance Hall)	Colliding with other person	Cut arm
25. Retail Shop (Confectioners)	Falling on floor	Fractured wrist
26. Retail Shop Grocers)	Falling on stairs	Broken bone in foot

Investigations were made into twenty-five of these accidents but no serious contraventions of the Act were found. Letters were sent to the occupiers of two premises and advice given in several other cases. Occupiers are reminded, during every general inspection of their premises of the requirements in the Act regarding accident notifications. During August and September no accidents were notified. It did not appear feasible that all employees had become "accident conscious" but enquiries at the Department of Health & Social Security and the Ambulance Station did not reveal any notifiable accidents during this period.

Health and Welfare Provisions—Contraventions

Cleanliness : (Section 4)

Out of three hundred and fifty two premises inspected, cleanliness was unsatisfactory to some degree in forty three cases.

Overcrowding : (Section 5)

In one premises the number of persons employed in a particular room exceeded that permitted.

Temperature : (Section 6(2))

Where work does not involve severe physical effort a temperature of 16°C (60.8°F) must be maintained after the first hour. In eight cases the temperature was found to be below that required.

Thermometers : (Section 6(4))

A sufficient number of thermometers was not provided in seventy one premises. In some of these cases thermometers had been provided but were broken, others were not registering correctly.

Ventilation : (Section 7)

Ventilation of some part of the premises was regarded as inadequate in twenty-eight cases.

Lighting : (Section 8)

In eight cases the lighting of some part of the premises was considered to be not sufficient or suitable.

Sanitary Conveniences : (Section 9—Sanitary Conveniences Regs. 1964)

In seventy three cases the Sanitary Conveniences were in some way unsuitable. In one case numbers were insufficient.

Washing Facilities : (Section 10—The Washing Facilities Regs. 1964)

In forty one cases unsuitable washing facilities were provided, whilst in one the facilities were considered insufficient.

Drinking Water : (Section 11)

In no cases was the supply of drinking water inadequate.

Accommodation for Clothing : (Section 12)

In four instances only was there inadequate accommodation for outdoor clothing.

Sitting Facilities : (Section 13)

Suitable facilities are to be provided at suitable places for employees to sit when the opportunity arises. In one case none were provided.

Seats for Sedentary Work : (Section 14)

Where work is, or can be done sitting, suitable seats, and where necessary, foot rests are to be provided. In all instances those provided were considered suitable.

Eating Facilities : (Section 15)

Where employees in shops eat meals there, suitable and sufficient facilities are to be provided. The arrangements were satisfactory in all of the premises visited.

Floors, Passages and Stairs : (Section 16)

In seventy five cases some cause for complaint was found. In many instances the handrail to the stairs was inadequate or non-existent, in others, worn treads, worn nosings to treads, defective floor coverings and badly worn floor boards accounted for a number of the unsatisfactory conditions.

Fencing of Exposed Parts of Machinery : (Section 17—The Prescribed Dangerous Machine Order, 1964)

Every dangerous part of any machinery used, as or forming part of, the equipment of premises, shall be securely fenced unless so positioned or constructed as to be safe. In eighteen instances machinery was found to be inadequately fenced.

First Aid : (Section 24—The Offices, Shops and Railway Premises First Aid Order, 1964)

A First Aid Box had not been provided at many of the premises inspected, in other cases the Box did not contain the necessary requisites and appliances. Eighty nine contraventions were found, due mainly to non-replacement of used materials.

Disposal of Sanitary Dressings : (The Sanitary Conveniences Regulations, 1964)

At five premises the arrangements for the disposal of sanitary dressings was not satisfactory.

Dangerous Conditions and Practices : (Section 22)

In three cases conditions existed where there was an element of danger.

Exemption from Certain Provisions : (Section 46)

No applications for exemptions were received or granted.

Abstract : (Section 50—The Information for Employees Regulations 1965)

The Regulations require an employer to keep on display an Abstract of the Act, or to give each employee a specified explanatory booklet. In one hundred and two instances this Regulation was not complied with.

Details and summary of contraventions found and remedied are shown in Appendix II.

General

Good co-operation with the various Corporation Departments, H.M. Factory Inspectorate and The Building Design Partnership has continued during the year and many problems have been resolved. The assistance of Mr. S. Hargreaves of the Chemistry Department of the College of Technology and Design in taking atmospheric tests in the Central Area Redevelopment is again greatly appreciated.

The inspection of plans submitted has continued, but an increasing number fall below the standards and requirements of the Act and Regulations.

APPENDIX I.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

DETAILS OF INSPECTIONS DURING 1970.

CLASS OF PREMISES	Number on Register at 1.1.70.	Number of General Inspections	Total Number of Visits	Premises where Contraventions Found	Contravention Letter Sent	Verbal Intimation Given	Premises where Contraventions Remedied	Prosecutions	Accidents Notified	Accidents Investigated	No. of Premises Registered during 1970	Premises added on Re-classification	No. taken off Register during 1970	Premises subtracted on Re-classification	No. on Register at 31.12.70	Analysis of persons employed in registered premises by workplace at 31.12.70
Offices	326	141	306	59	40	19	89	..	4	4	39	4	44	4	321	4106
Retail Shops	502	164	599	63	49	14	142	..	19	17	41	..	92	1	450	2666
Wholesale Shops/Warehouses	51	20	48	15	14	1	15	..	1	1	7	4	4	1	57	656
Catering Establishments ..	89	27	97	19	16	3	18	..	1	1	5	..	23	1	70	701
Canteens	3	..	..	..	..	..	..	..	1	1	..	..	..	..	3	49
Fuel Storage Depots ..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2
TOTALS ..	972	352	1050	156	119	37	264	..	26	24	92	8	163	8	901	8180

APPENDIX II

Details of Contraventions Found and Remedied.

CLASS OF PREMISES	S.4		S.5		S.6				S.7		S.8		S.9				S.10				S.11		S.12		S.13		S.14		S.15		S.16		S.17		S.24				S.22		S.50	
													San.		Conv.		Wash.		Fac.																							
	Cleanliness Not Satisfactory		Overcrowding		Temperature Inadequate		Thermometer Not Provided		Ventilation Inadequate		Lighting Inadequate		Unsuitable		Insufficient		Unsuitable		Insufficient		Drinking Water Not Satisfactory		Accom. for Clothing not satisfactory		Sitting facilities not satisfactory		Seats unsuitable		Eating facilities Inadequate		Floors, Passages & Stairs not satisfty.		Fencing of Machery inadequate		First Aid facilities inadequate		Disposal of San. dressings inadeqte.		Dangerous cond. and practices		Abstract not Displayed	
Outstanding 1.1.70	112		3		46		164		63		21		233		14		123		15		2		9		18		8		3		236		29		209		5		..		278	
	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
Offices	12	20	..	1	1	4	24	33	10	9	2	5	25	44	..	2	13	21	..	2	..	1	..	..	.	..	..	..	..	..	23	39	..	4	33	42	2	..	2	2	41	57
Retail Shops ..	20	44	1	..	4	17	27	56	11	20	6	15	24	80	1	3	15	33	1	6	..	1	2	7	1	5	..	..	..	2	31	71	8	9	38	65	2	3	..	..	37	82
Wholesale Shops Warehouses ..	6	4	..	..	3	3	8	9	5	1	..	3	11	9	..	..	6	3	..	..	..	..	1	1	..	..	..	..	..	..	10	11	1	3	7	9	..	..	1	1	11	11
Catering Establishments	5	5	..	..	..	..	12	10	2	..	..	1	13	10	..	..	7	7	..	..	..	..	1	1	..	..	..	..	..	..	11	9	9	2	11	12	1	1	..	..	13	12
Canteens	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fuel Storage Depots	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS ..	43	73	1	1	8	24	71	108	28	30	8	24	73	143	1	5	41	64	1	8	..	2	4	9	1	5	..	..	..	2	75	130	18	18	89	128	5	4	3	3	102	162
Outstanding 31.12.70 ..	82		3		30		127		61		5		163		10		100		8		Nil		4		14		8		1		181		29		170		Nil		0		218	

Summary :

No. of contraventions outstanding, 1.1.70	..	1591
No. of contraventions found during 1970	..	572
No. of contraventions remedied during 1970	..	943
No. of contraventions outstanding 31.12.70	..	1220

AIR POLLUTION

Report by Mr. J. Pye, *Smoke Abatement Officer*

Control of Pollution from Industrial processes

Bearing in mind the current state of technical knowledge the amount of smoke emitted from these processes within the Borough is at a minimum, and certainly within legally permitted limits. Whilst this stems, in the main, from past endeavours, it calls upon a continued vigilance to maintain it so. New processes frequently bring fresh problems in their train, particularly in the disposal of waste product where incineration can result in useful heat being available. The incineration of plastics, including P.V.C. and man-made fibres has to be closely supervised to reduce both smoke and gaseous pollution. Control of smoke from the burning of recognised fuel presents no particular problem, but emission of grit and dust, fumes and gasses frequently do.

A reminder of the serious effects of these latter pollutants came early in the year, when complaint was made to this department that the cellulose paintwork on motor cars was being seriously damaged when the cars were parked in the vicinity of a local foundry. The effect was to cause pitting and roughening of the paintwork and was extremely difficult to rectify. Investigations showed that emissions of sand and fine metal dust from the foundry arose from defective handling techniques. Remedial measures were put into effect and an increase in the efficiency of arrestation of grit and dust from cupola furnaces was brought about by improving the washing system. Metal oxides from these latter furnaces may have played a part in the nuisance and combustion techniques were also improved with a view to reducing oxide emissions.

Whilst these remedial measures had considerable effect, it has to be borne in mind that sulphurous gasses are inevitably associated with foundries, arising from coke fuel to the furnaces, pyrites in coal slack used in moulding sand and fuel oil burnt in small furnaces as well as the main boiler plant; associated synergistically with other emissions including some grit and dust—as arresting equipment is not 100% efficient—there must be a higher level of pollution in the neighbourhood of these industries than elsewhere.

In all, some 28 visits were made in connection with the investigations.

Indiscriminate burning of factory waste has been considerably reduced as a result of inhibiting legislation now in force. Local Authorities do not however, have powers to control emissions of smoke or fumes from processes subject to Registration under the Alkali Works Regulation Act, 1906, and difficulties continue to arise from indiscriminate burning, usually in scrap metal works, in order to recover metal from scrap cable, which is a Registerable process. The small merchant cannot provide necessary equipment which would be a condition of Registration and burning is therefore illegally carried out, despite warnings, but in the absence of the District Alkali inspector when an offence is actually being committed, no effective control exists.

Discussions with a representative of the Ministry of Housing and Local Government took place in connection with this and similar enforcement problems where a firm is Registered, but regrettably with no apparent success.

This Authority's view is that an experienced local authority officer should be authorised to report offences and formal action taken thereon by the Alkali Inspectorate, where smoke arises from processes registered or registerable with that body.

During the year three complaints only were received of smoke or soot emissions. All were investigated and remedial action taken informally. A further complaint arose from the emission of fume from a small furnace at a jobbing foundry. Advice was given to reduce smoke and fume and no further complaints were received.

Other complaints received and investigated included a smell from a bacon smoking process, and of grit and dust from a fuel-storage depot. In the latter case the yard was swept and water sprays fitted to the charging units to reduce wind-borne dust.

Eleven observations were made of industrial chimneys during the year, and six verbal warnings given regarding minor infringements.

Of twelve applications for approval of the heights of chimneys serving boiler or furnace plant, nine were approved; including one where the internal diameter of the existing chimney was required to be reduced to effect a higher rate of waste-gas discharge. One was not approved; one was found not to require approval and one was carried over into 1971. One application was received and approved, for exemption in respect of the height of a chimney serving a temporary boiler, the exemption being for a period of one year.

In addition to the erection of new chimneys as detailed above, six new steam-raising boilers were installed in industrial premises during the year and eight air heaters. In two cases, additionally, the fuel was changed from solid to liquid.

A request to lower the height of a chimney was refused, and in a further case granted.

Legal action in respect of an alleged contravention of Section 1 of the Clean Air Act 1968 was withdrawn after consultation with the legal representative of a firm of demolition contractors.

A warning was sent to a firm in respect of the installation of two furnaces for which prior notice of a proposal to do so had not been given to this authority.

I am appreciative of the continued co-operation of Mr. R. H. Smith, the District Alkali Inspector and Mr. W. Williams, the Chief Fire Officer and his staff.

Smoke Control Areas and Control of Pollution from Domestic Chimneys

This year was designated "European Conservation Year". It began by a drastic shortage, both nationally and more so locally, of solid smokeless fuels. Normal surveillance of all operative, smoke control areas had to be withdrawn in order to allow, quite informally, householders to burn coal to guard against hardship which might otherwise occur.

This unsatisfactory situation continued throughout the winter months until supplies resumed normality in late Spring.

Anticipating a repetition of this situation during the winter of 1970/71 the Corporation was approached by representatives of the solid fuel distributive trade who warned against enforcement of smoke control during that period and requested the suspension of all existing operative Smoke Control Orders. Assistance in directing such solid smokeless fuels as are available to the smoke control areas was refused and the Corporation resolved, in order to alleviate against possible hardship, to suspend the operation of the Nos. 1, 2 and 3 Orders from 1st November, 1970 to 30th April 1971.

In the event up to the end of the year, shortages of solid smokeless fuels were not apparent and there was little visible evidence of a mass reversion to coal within those areas under suspension.

Such a situation should never have been allowed to develop, whereby the whole of a smoke control programme could be brought to a halt and past endeavours in respect of time and money as well as the effects on the future health of the community be jeopardised by a fuel industry which contributes approximately 20% only of the fuel burnt within recently formed areas; and that industry has something to answer for.

In consequence of the shortage of solid smokeless fuels. it was felt necessary to postpone the making of the No. 11 Smoke Control Order.

The No. 10 Order was confirmed on the 23rd June, the operative date being set for the 1st July, 1971.

In connection with smoke control Orders, the following visits were made during the year.

Surveys: Industrial and Commercial premises	34
Domestic	1408
Inspections of works of adaptation	751
Miscellaneous visits to give advice etc.	454
Visits re contraventions: Industrial	2
Domestic	68
Ineffectual visits, i.e. access not gained on first visit	1068
Interviews etc. held in office	983

Warning letters were sent to those occupiers of premises where contraventions had been noted.

Conferences and Exhibitions

The Annual Conference of the National Society for Clean Air was held in Southport during October, and I was again privileged to attend.

The Solid Smokeless Fuels Federation's mobile demonstration unit was sited on two occasions, within the Nos. 10 and 11 (proposed) areas.

Detection and Measurement of Pollution

Previous reports on this field of activity have included figures obtained from the two gauges, measuring sulphur oxides and smoke particles, which are sited within Shadsworth housing estate and on the roof of the College of Technology and Design and presented in tabular form.

More striking presentations demonstrating the results of 10 years of effort in the abatement of smoke pollution, are set out below.
Averages shown in micrograms per cubic metre per day.

SMOKE : APRIL-SEPT

SITE 16: COLLEGE OF TECHNOLOGY AND DESIGN.
SITE 20: GLENLUCE CRESCENT, SHADSWORTH.

N = less than 4 monthly averages per 6 monthly period.

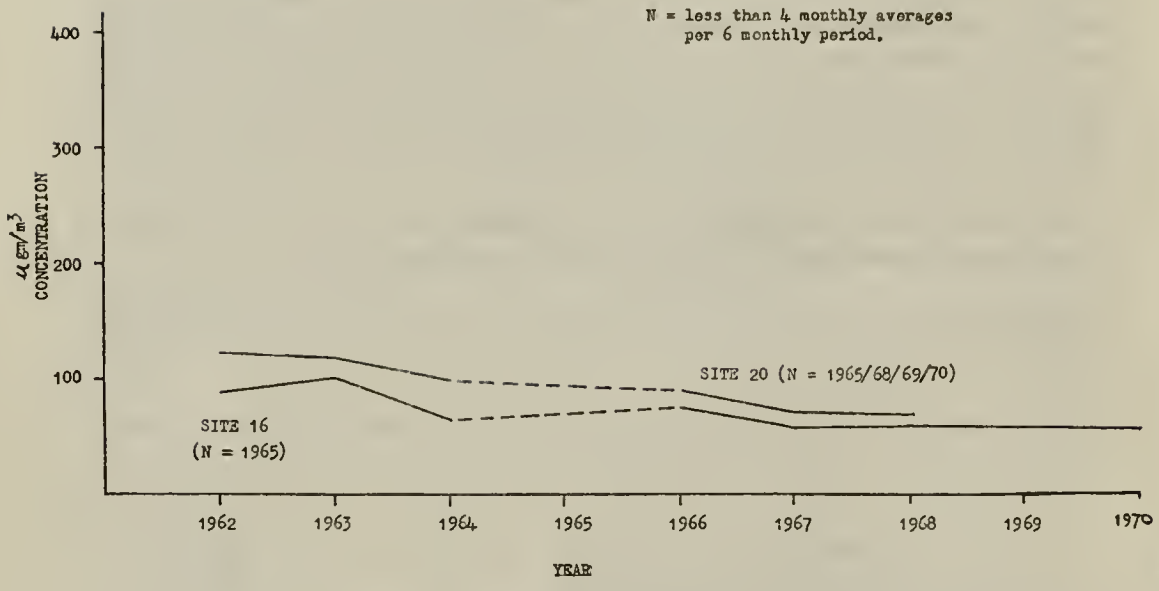


FIGURE 1

SMOKE : OCT-MAR

SITE 16: COLLEGE OF TECHNOLOGY AND DESIGN.
SITE 20: GLENLUCE CRESCENT, SHADSWORTH.

N = less than 4 monthly averages per 6 monthly period.

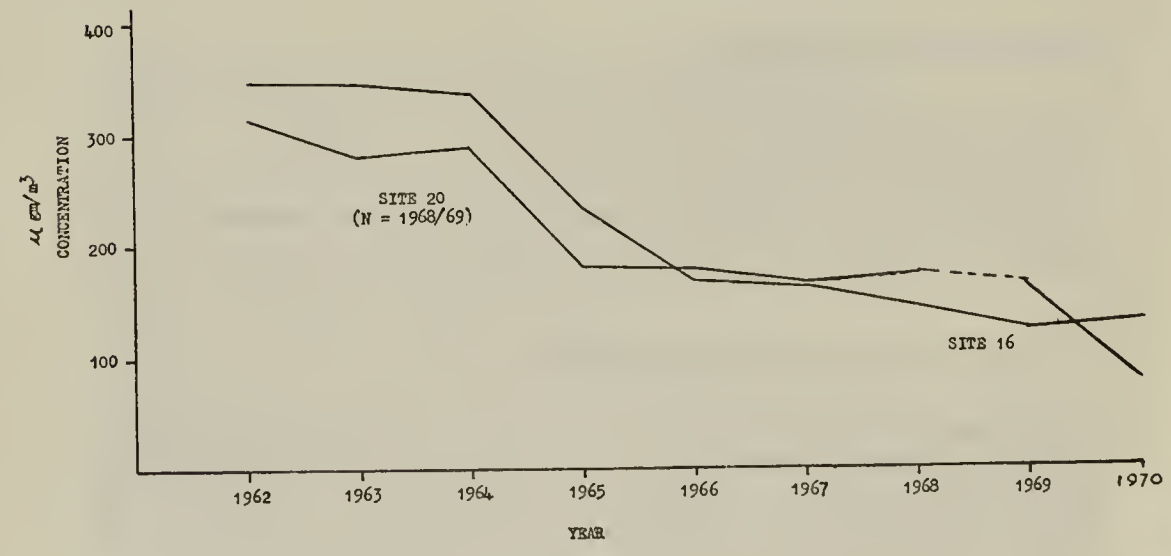


FIGURE 2

SULPHUR DIOXIDE : APR-SEPT

SITE 16: COLLEGE OF TECHNOLOGY AND DESIGN.
SITE 20: GLENLUCE CRESCENT, SHADSWORTH.

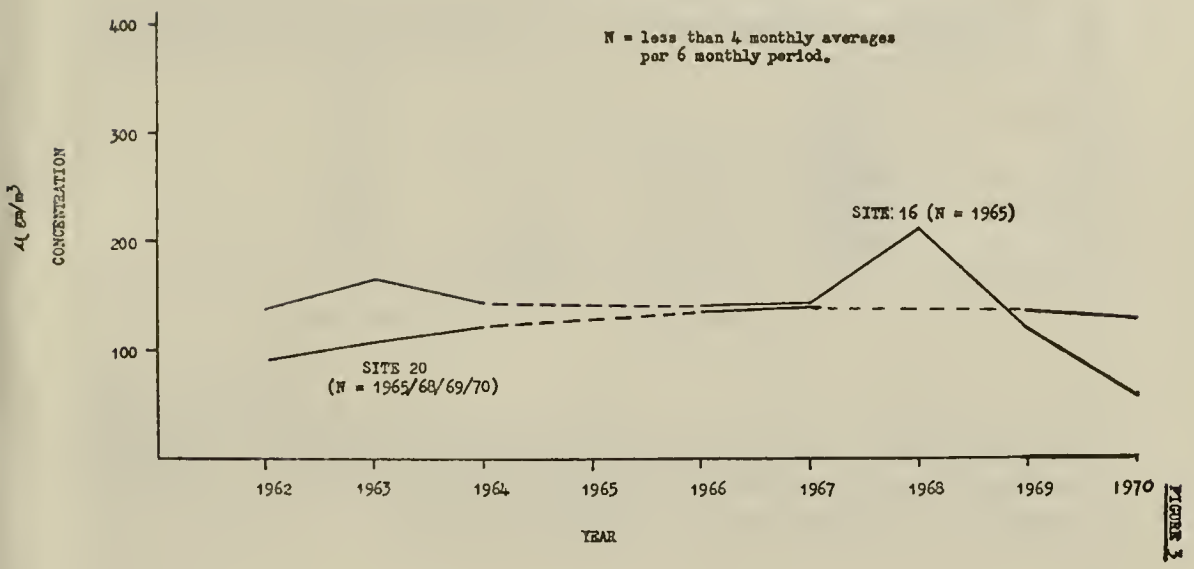


FIGURE 3

SULPHUR DIOXIDE : OCT-MAR

SITE 16: COLLEGE OF TECHNOLOGY AND DESIGN.
SITE 20: GLENLUCE CRESCENT, SHADSWORTH.

FIGURE 4

Insoluble Matter

Yearly Averages in Milligrams per Square Metre per Day.

Year ending 31st March	College of Technology & Design
1964/65	80
1965/66	90‡
1966/67	87
1967/68	68
1968/69	102*
1969/70	99

‡ 11 months only * 10 months only

I must again record my thanks to Dr. Rose, the Principal and Mr. Hargreaves of the Chemistry Department of the Blackburn College of Technology and Design for their valuable co-operation and assistance in respect of the operation of the measurement gauges.

INFECTIOUS DISEASES

Table 7

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR

NOTIFIABLE DISEASE	Number of Notifications Received	Number of Cases in which Diagnosis was subsequ'ly corrected	Corrected number of notifications	Number admitted to hospital
Acute Encephalitis	..	..	..	..
Acute Meningitis	4	..	4	1
Anthrax	..	..	..	..
Cholera	..	..	..	..
Diphtheria	..	..	..	..
Dysentery	19	..	19	9
Food Poisoning	25	..	25	11
Infective Jaundice	36	..	36	6
Leprosy	..	..	..	..
Leptospirosis	..	..	..	..
Malaria	..	..	..	..
Measles	534	..	534	12
Ophthalmia Neonatorum	2	..	2	..
Paratyphoid Fever	1	..	1	1
Plague	..	..	..	..
Poliomyelitis (Paralytic)	..	..	..	..
Poliomyelitis (Non Paralytic)	..	..	..	..
Relapsing Fever	..	..	..	..
Scarlet Fever	28	..	28	..
Smallpox	..	..	..	..
Tetanus	..	..	..	..
Tuberculosis (Pulmonary)	96	..	96	60
Tuberculosis (other forms)	42	..	42	9
Typhoid Fever	1	..	1	1
Typhus Fever	..	..	..	..
Whooping Cough	18	..	18	2
Yellow Fever	..	..	..	..
TOTALS	806	..	806	112

Number of Cases of Infectious Diseases Notified from 1960 to 1970

Table 8

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Acute Encephalitis	..	..	..	..	..	..	..	..	..	..	..
Acute Meningitis	1	1	..	..	1	..	1	..	..	..	4
Anthrax	..	..	..	..	..	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	..	..	..	..	..	..	..	..	..
Dysentery	172	244	246	119	201	85	117	52	40	20	19
Food Poisoning	..	..	..	..	..	..	..	..	17	62	25
Infective Jaundice	..	..	..	..	..	..	..	..	..	..	36
Leprosy	..	..	..	..	..	..	..	..	..	..	..
Leptospirosis	..	..	..	..	..	..	..	..	..	..	..
Malaria	..	..	..	..	..	..	..	..	..	..	..
Measles	1062	1057	1364	606	454	925	1121	260	450	702	534
Ophthalmia Neonatorum	..	8	13	14	1	2	..	1	1	..	2
Paratyphoid Fever	..	..	1	3	..	..	..	..	1	2	1
Plague	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis (Paralytic)	..	2	1	..	..	31	..	..	..	..	..
Poliomyelitis (Non Paralytic)	..	..	..	..	..	29	..	..	..	..	..
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	142	91	92	22	27	85	154	12	40	85	28
Smallpox	..	..	..	..	..	..	..	..	..	..	..
Tetanus	..	..	..	..	..	..	..	..	..	..	..
Tuberculosis (Pulmonary)	30	48	33	33	38	35	24	26	35	52	96
Tuberculosis (Non Pulmonary)	6	3	4	2	7	4	12	12	16	14	42
Typhoid Fever	..	..	..	1	..	..	..	1	..	..	1
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	234	56	4	62	38	4	1	32	8	7	18
Yellow Fever	..	..	..	..	..	..	..	..	..	..	..
Totals	1779	1650	1829	946	827	1241	1473	415	600	882	806

COMMUNITY HEALTH SERVICE

STATISTICAL DETAILS

MISCELLANEOUS STATISTICAL DETAILS ON THE CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

Table 9

ANTE-NATAL AND POST-NATAL CLINIC ATTENDANCES

Sessions Held		Women in Attendance		
Medical Officers	Midwives	Ante-Natal	Post-Natal	Total No. of Attendances
207	235	518	74	2680

Table 10

ANTE-NATAL MOTHERCRAFT AND RELAXATION

No. of women who attended during the year	(a) Institutional Booked	361
	(b) Domiciliary Booked	22
	(c) Total	382
No. of attendances		1077

Table 11

EXAMINATIONS CARRIED OUT AT ANTE-NATAL CLINICS

	Total
Rh. Factor—Women	367
—Men	–
Kahn Test—Women	353
—Men	–
Wasserman Test—Women	–
—Men	–
Tests for Antibodies	72
Haemoglobin Estimation	701
Fasting Blood Sugar	3
Pregnancy Tests	13
Referred to Special Clinic	–
„ „ Heart Clinic	–
„ „ Obstetrician	43
„ „ for X-Ray (Chest)	5
„ „ X-Ray (Pelvimetry)	1
Full Blood Counts	10

Table 12

Consultant Clinics

I am indebted to Dr. L. Read, Consultant Venereologist, for the following report on the Special Clinic:

79 new patients attended the ante-natal discharge clinic.

Males 8
Females 71

The 8 males were babies requiring blood tests for adoption. The 71 females were divided as follows:

Gonorrhoea	1
Trichomonas Vaginitis	8
Thrush Vaginitis	20
Not requiring treatment	42

On the pathological side specimens were taken 107 times and cultures to exclude the gonococcus 97 times.

Total attendance was 123 in 41 clinics.

The return for the whole of Blackburn showed only a slight increase to a total of 755. Of these cases 231 were gonorrhoea, which again showed a rise of 20% on last year. Of these cases of gonorrhoea Aliens accounted for only 3.5% and teenagers 16%. There were also during the year 8 new cases of early contagious syphilis, some of which were contracted in the Borough and some from abroad.

L. Read, *Consultant Venereologist*

CERVICAL CYTOLOGY.

ATTENDANCES :

Blackburn Patients	494
Out of Borough Patients	1
Total ..	495

REPEAT SMEARS

	From 1st Attenders	3-Year Re-visits
Blackburn Patients	4	159
Out of Borough Patients	–	19
Total ..	4	178

COMPLETE NUMBER OF SMEARS TAKEN 677

FINDINGS	*Blackburn*	*Out of Borough*
Nil Abnormal Seen	616	10
Monilia	13	–
Trichomonas	19	–
Other Cells	3	–
Malignant Cells (Confirmed) ..	–	–
Malignant Cells (Not confirmed)	16	–
SWABS TAKEN	16	–
RE-EXAMINED	2	–

Table 13

Attendances at Child Health Centres

	WEST DIVISION							EAST DIVISION										GRAND TOTAL
	Leamington Road	Montague	Griffin	Longshaw	Bentham Road	Lammack	TOTAL (WEST)	Little Harwood (2 sessions per week)		Cornelian Street	Hozier Street	Larkhill	Newton St.		Guide	Glenluce	TOTAL (EAST)	
								Mon	Thur				Mon	Thur				
INFANTS—																		
New Cases under One..	120	125	100	159	157	56	717	83	64	60	60	266	180	112	11	61	897	1614
Total Number attending during the year	353	344	303	403	494	146	2043	178	138	149	176	656	440	314	66	227	2344	4387
Attendances—Under 1..	1791	1456	1863	2128	1306	695	9239	1117	1595	818	1183	1200	2025	1655	275	780	10648	19887
—Over 1..	1047	473	881	1671	771	574	5417	452	574	337	638	858	825	603	132	388	4807	10224
Total Attendances of Infants	2838	1929	2744	3799	2077	1269	14656	1569	2169	1155	1821	2058	2850	2258	407	1168	15455	30111
Consultations with Dr.	592	335	686	358	401	251	2623	287	189	298	230	621	676	531	206	392	3430	6053
MOTHERCRAFT—																		
Number of Cases	28	..	..	..	45	..	73	..	..	..	..	101	..	..	6	..	107	180
Number of Attendances	138	..	..	..	134	..	272	..	..	..	..	101	..	..	12	..	113	385
Average Attendance of Infants per session ..	62	40	56	74	43	26	..	34	43	25	45	33	60	50	17	23	..	..

DENTAL SERVICE FOR EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER 5 YEARS

Part A. Attendances and Treatment

Number of Visits for Treatment during year	Children 0—4 (incl.)	Expectant & Nursing Mothers
First Visit	251	74
Subsequent Visits	194	75
Total Visits	445	149
Number of Additional Courses of Treatment other than the First Course commenced during year	15	—
Treatment provided during year—No. of Fillings	322	47
Teeth Filled	290	44
Teeth Extracted	305	106
General Anaesthetics given	50	4
Emergency Visits by Patients	114	14
Patients X-Rayed	—	—
Patients Treated by Scaling and/or Removal of Stains from the teeth (Prophylaxis)	—	14
Number of Courses of Treatment Completed	137	32

Part B. Prosthetics

Patients Supplied with F.U. or F.L. (First time)	6
Patients Supplied with Other Dentures	3
Number of Dentures Supplied	12

Part C. Anaesthetics

General Anaesthetics Administered by Dental Officers	—

Part D. Inspections

	Children 0—4 (incl.)	Expectant & Nursing Mothers
Number of Patients		
Given First Inspections during year	476	55
In A and D above who required Treatment	188	48
In B and C above who were offered treatment	170	48

Part E. Sessions

Number of Dental Officer Sessions (*i.e.* Equivalent Complete Half days) devoted to Maternity and Child Welfare Patients :	For Treatment	85
	For Health Education	—

Table 14

PARTICULARS OF DAY NURSERIES

	Holden House	Church Hill House	Stancliffe Street	Lincoln Road	Albion Street	TOTAL
Number of Approved Places						
0—2 Years ..	5	8	8	8	8	37
2—5 Years ..	26	34	40	44	40	184
Totals ..	31	42	48	52	48	221
Number of Children on the Register at end of Year :						
0—2 Years ..	8	15	11	11	13	58
2—5 Years ..	23	26	27	33	35	144
Totals ..	31	41	38	44	48	202
Total attendances during the year:						
0—2 Years ..	1636	2612	2496	2118	2073	10935
2—5 Years ..	4378	5962	6496	6779	7090	30705
TOTALS ..	6014	8574	8992	8897	9163	41640

Table 15

Home Visits by the Medico Social Workers and Health Visitors

	WEST DIVISION	EAST DIVISION	TOTAL
Early Discharge	56	142	198
Expectant Mothers	274	467	741
Infants under 1 year	5684	6564	12248
Infants 1—2 years	2907	4172	7079
Children 2—5 years	5845	6585	12430
Problem Families	1361	1301	2662
Families with problems	1916	2387	4303
Maternity Assessment	434	491	925
Screening Tests	835	330	1165
Misc. (M. & CH.) Visits	753	1580	2333
Care of Aged	6863	7510	14373
Care/After Care	3034	4349	7383
Mentally Disordered	250	404	654
Other Hospital Discharges	20	61	81
Tuberculosis	296	1709	2005
Other Infectious Diseases	121	179	300
Chiropody	18	78	96
Hostels	146	194	340
Home Accidents	284	363	647
Immigrants	196	300	496
Physically Handicapped	261	335	596
Miscellaneous (P. & AC.)	331	826	1157
Total	31885	40327	72212
Ineffective Visits	4591	4385	8976
Grand Total	36476	44712	81188

Visits at Special Request of G.P. or Hospital :			
(i) Aged 65 or over	209	152	361
(ii) Mentally Disordered	49	25	74
(iii) Hospital Discharges	25	21	46
	WEST	EAST	TOTAL
Health Education—Talks	73	197	270
Mothers' Clubs	43	84	127
Discussions with other Social Workers	3401	4858	8259
Students in Training	107	212	319

Table 16

District	Children "At Risk"	Problem Families	Handicapped		Care and After Care Cases	Aged
			Under 16	Over 16		
West No. 1	38	2	6	14	53	57
2	25	7	2	6	25	127
3	10	7	3	7	25	39
4	35	3	9	16	85	40
5	25	7	3	15	59	99
6	41	12	19	15	18	92
6A	27	4	9	17	39	110
7	19	5	28	23	65	57
8	37	2	17	14	32	64
9	22	5	2	4	9	65
9A	53	4	3	7	45	90
10	26	5	34	41	41	115
11	28	15	21	11	6	54
11A	31	1	6	4	9	84
East No. 1	46	..	13	35	135	89
2	48	3	8	2	32	34
2A	40	6	6	12	117	44
3	36	3	2	4	60	39
3A	55	4	7	5	61	40
4	42	3	10	10	67	69
4A	29	1	9	4	37	39
5	35	6	12	29	160	131
6	24	8	11	14	43	78
7	22	7	3	4	80	40
8	54	31	3	13	71	81
9	27	11	7	6	73	103
10	26	20	9	21	128	118
11	40	2	7	13	125	257
12	63	12	24	26	93	97
13	35	8	6	24	69	139
Totals West	417	79	162	194	511	1093
East	622	125	137	222	1351	1398
Grand Total	1039	204	299	416	1862	2491

Table 17

Clinic Sessions Attended

	WEST DIVISION	EAST DIVISION	TOTALS
Maternity and Child Health Centres	406	706	1112
Paediatric	55	88	143
Geriatric	36	40	76
Chest	25	31	56
Special.....	44	47	91
Ante-Natal	48	149	197
Prophylactic	38	116	154
School Clinics and others....	1146	1038	2184
Totals	1798	2215	4013

Notification of Births

The following Table shows the number of notified births registered in the County Borough during 1970.

Of the 1,910 live babies born to Blackburn mothers, 1,750 were Hospital deliveries.

All live births belonging to other areas were born in Hospital.

	Live Births	Still Births	Total
Blackburn	1910	31	1941
Transferred to other areas	1082	30	1112
Total	2992	61	3053

Care of the Unmarried Mother and her Child

The Blackcurn and District Association for Family Social Work continues to deal with cases on behalf of the Local Authority.

DOMICILIARY MIDWIFERY 1970

	Doctor not booked	Doctor booked	Cases delivered in hospital but discharged before 10th day
No. of Confinements attended ..	..	160	1549

Doctor present at delivery	4
Trilene Administered	105
Pethedine given	87
Night Calls	106

Table 18.

MIDWIFERY STATISTICS 1960 — 1970

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Live Births	1680	1665	1791	1750	1798	1777	1805	1861	1848	1842	1935
Stillbirths	46	34	45	36	40	29	29	25	30	36	31
Birth Rate	15.95	15.71	16.93	16.66	17.35	17.24	17.73	18.44	18.4	18.4	19.3
Midwives—											
No. of confinements attended	563	498	567	516	495	440	394	348	245	184	160
(a) Doctor present	36	48	32	46	34	..	..	10	8	8	4
Our Lady of Compassion	..	..	184	164	191	135	125	110	168	135	143
Hospital Discharges before 10th day	219	221	423	287	526	544	786	1078	1274	1297	1549
No. of Visits to Early Discharges	1797	2019	2460	2035	3038	3044	4769	5843	6895	7304	8627

Home Nursing

The following table indicates the work carried out by the District Nursing Service in 1970 :

Table 19

Cases outstanding on 1st January, 1970	745
New Cases	2351
Number of Visits	80,281
Cases outstanding on 31st December, 1970	782

Type of Case	Number of	
	Cases	Visits
Medical	1308	41730
Surgical	713	10454
Infectious Disease	21	233
Tuberculosis	90	5516
Maternal Complications	76	955
Gynaecological	70	739
Injections	818	20654
Totals ..	3096	80281
Patients included in the above who were over 65 at the time of the first visit	1577	50273
Children included in the above who were under 5 years of age at the time of the first visit	88	806
Patients who have had more than 24 visits during the year	122	23230
Patients included in the above who have had an enema prior to X-Ray	6	9
Patients included in the above who have had injections only	985	26999

The number of visits carried out has varied over the past few years as follows :

1966	Total visits	73,619
1967	„ „	70,808
1968	„ „	73,215
1969	„ „	76,193
1970	„ „	80,281

Vaccination and Immunisation

The 1970 statistics of prophylaxis are in the tables below.

Table 20

Immunisation against Diphtheria, Whooping Cough, Tetanus, Poliomyelitis

Number of Primary Courses completed and Reinforcement Doses given during the Year 1970

	Year of Birth						
	1970	1969	1968	1967	1963/66	Others Under 16 years	Total
Diphtheria							
Primary Course	5	636	251	33	212	660	1797
Booster ..	..	..	..	1	485	667	1153
Whooping Cough							
Primary Course	5	636	251	30	41	1	964
Booster	..	..	..	1	8	3	12
Tetanus							
Primary Course	5	636	251	33	276	1251	2452
Booster	..	..	1	1	768	494	1264
Poliomyelitis							
Primary Course (Oral)	1	611	251	37	304	342	1546
Booster (Oral)	..	..	..	..	938	1250	2188

Table 21

Type of Vaccine	Given by	No. of Doses	
		Primary	Booster
Quadruple (Diphtheria, Tetanus, Whooping Cough, Poliomyelitis)	G.P.s only	.. ..	.. ..
Triple (Diphtheria, Whooping Cough, Tetanus)	L.A. Drs. and G.P.s	965	12
Diphtheria/Tetanus	L.A. Drs. and G.P.s	396	1348
Tetanus	L.A. Drs. and G.P.s	1023	157

Table 22

Yellow Fever

Year	Persons Vaccinated
1961	114
1962	216
1963	313
1964	401
1965	404
1966	349
1967	289
1968	424
1969	549
1970	650

Table 23

PRIMARY SMALLPOX VACCINATION FROM 1961 TO 1970

Age Group	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Under 1 yr.	636	230	28	55	33	45	13	8	8	1
1 year	254	451	97	386	262	299	657	1043	873	683
2 years....	24	162	16	31	48	272	108	188	155	106
3 years....	24	151	5	8	11	75	83	96	87	25
4 years....	25	113	3	4	6	29	65	41	55	14
5—14 years	35	903	28	27	23	67	34	99	59	15
15 and over	164	2393	78	111	101	396	119	63	69	..
TOTALS ..	1162	4403	255	622	484	1183	1079	1538	1306	844

SMALLPOX : RE-VACCINATION

Children under 16 years 237

Others .. ..

Table 24

TUBERCULOSIS

Number of Contact Examinations	664
Number of Heaf's Multiple Puncture Tests of Contacts	664
Number negative and given B.C.G.	373
Number positive	211
Number of Annual Tests (M.P.) of children previously vaccinated	
Mass Vaccination of School Children :	
Number of Invitations sent	1411
Number Accepted	1354
Number Heaf Tested	1315
Number Positive	226
Number Negative and Vaccinated	906
Number of Positive Readings	846

Vaccination Against Measles

Table 25

This scheme was introduced during 1970. Local General Practitioners gave the following protective doses:

Year of Birth	*East*	*West*	*Total*
1960	1	–	1
1961	4	–	4
1962	2	–	2
1963	2	–	2
1964	1	1	2
1965	–	4	4
1966	–	5	5
1967	–	6	6
1968	–	6	6
	10	22	32

MASS RADIOGRAPHY

Report on the Annual Mass Radiography Survey held in Blackburn from 9th February to 27th February, 1970.

Type of Examinee	*Males*	*Females*	*Total*
General Public	1102 ..	3391 ..	4493
General Practitioner Referrals	36 ..	32 ..	68
	1138 ..	3423 ..	4561

Findings :

Five cases of tuberculosis requiring close Clinic supervision or treatment.
Two cases of tuberculosis requiring supervision at the Chest Clinic.
One case of malignant neoplasm.
Two cases of non-malignant neoplasm.
Three cases of Sarcoids.
Twenty-seven cases of Acquired Cardiac Abnormalities and abnormalities of Vascular System.
One case of Congenital Cardiac Abnormality and abnormality of Vascular system.

MONTHLY VISIT OF MASS RADIOGRAPHY UNIT

Type of Examinee	*No. X-Rayed*
General Practitioner Referrals	939
Contacts	119
Staff	257
Play Group Personnel	64
Students	74
Immigrants	51
Individuals	18
Total X-Rayed	1522

CONTACT SURVEY

No. of Firms	1
No. X-Rayed	323(254M, 69F)
No. referred to Chest Clinic	2
No. referred to own Doctor (Heart conditions) ..	2
Healed Tuberculosis (no action)	2
Bronchiectasis (no action)	1

J. I. CAPPER,
Medical Director.

AMBULANCE SERVICE

Table 26

Ambulance Running during the year ended 31st March, 1970 :

1. Number of operational vehicles at 31st March, 1970 :	
(*a*) Ambulances 2/4 stretchers	7
(*b*) Dual-purpose vehicles, 1 stretcher	7
(*c*) Sitting-Case vehicles	2
	16
2. Total Mileage :	
(*a*) Ambulances 2/4 stretchers	130,543
(*b*) Other vehicles	85,797
	216,340
3. Number of Persons carried :	
(*a*) Accident or Emergency :	
Stretcher cases	2,637
Sitting cases	2,559
(*b*) Others :	
Stretcher cases	6,011
Sitting cases	53,540
(*c*) Others : Non-Section 27 cases	15,531
	80,278
4. Patients carried by Rail :	
(*a*) Number of Persons	37
(*b*) Mileage	3,753
5. Number of operational staff	35
6. Number of Ambulance Stations	1
7. Population of Service Area	115,000
8. Acreage of Service Area	22,080

TYPES OF CASES CARRIED.

Ambulance Service	
Accidents : Works	187
Play	399
Home	548
Street	1,044
Mental Cases	13
Maternity	1,195
Collapse	1,810
Hospital to Hospital	32,366
Treatment	4,360
Convalescent	4,904
Hospital Admissions	3,845
Convalescent Homes	54
Infectious Diseases	134
House-to-House Transfer	143
Day Treatment	13,745
Other Services	
Occupation Centre	2,193
Welfare Services	12,098
School Health Service	66
Other Mental Health Services	695
Clinics and Centres	479
	80,278
Not required or False Calls	4,053
	84,331

MENTAL HEALTH SERVICE

Number of persons under Local Health Authority care at 31st December, 1970 : **Table 27**

	Mentally Ill				Elderly mentally infirm		Psychopathic				Mentally Handicapped				Severely Mentally Handicapped				Total
	Under age 16		16 and over				Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1 Total number	4	7	146	183	34	56	–	–	13	4	2	1	50	54	45	25	70	59	753
2 Attending training centre	–	–	10	8	–	–	–	–	–	–	–	–	8	6	39	22	28	18	139
3 Awaiting entry to training centre	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1
4 Receiving home training	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5 Awaiting home training	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 Resident in L.A. home/hostel	–	–	8	8	–	–	–	–	–	–	–	–	5	3	–	–	9	1	34
7 Awaiting residence in L.A. home/hostel	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
8 Resident at L.A. expense in other homes/hostels	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	–	–	3
9 Resident at L.A. expense by boarding out in private household	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10 Attending day hospitals	–	–	8	20	7	18	–	–	–	–	–	–	–	–	–	–	–	–	53
11 Receiving home visits and not included in lines 2–10 (*a*) suitable to attend a training centre	–	–	3	1	–	–	–	–	1	–	–	–	–	1	–	–	1	2	9
(*b*) others	4	7	117	146	27	38	–	–	12	4	2	1	37	44	3	2	30	37	511

Table 28

	Mentally Ill				Psychopathic				Mentally Handicapped				Severely Mentally Handicapped				Gross Total
	Under Age 16		16 and over		Under Age 16		16 and over		Under Age 16		16 and over		Under Age 16		16 and over		
	M. (1)	F. (2)	M. (3)	F. (4)	M. (5)	F. (6)	M. (7)	F. (8)	M. (9)	F. 10)	M. (11)	F. (12)	M. (13)	F. (14)	M. (15)	F. (16)	(1-16)
6. Patients referred to L.H.A. during year ended 31.12.70 :																	
(a) General Practitioners.....	2	5	32	58	..	..	5	1	1	2	2	3	1	1	..	..	113
(b) Hospitals, on discharge from in-patient treatment..	..	..	30	47	..	..	3	2	1	2	4	4	5	3	7	4	112
(c) Hospitals, after or during out-patient or day treatment	..	3	21	29	..	..	2	1	1	..	2	3	1	1	..	1	65
(d) Local education authorities	..	..	..	..	..	..	..	..	..	..	5	1	7	3	..	..	16
(e) Police and courts.....	1	..	16	13	..	..	2	..	..	..	2	..	..	..	..	2	36
(f) Other sources.....	2	1	46	74	..	..	7	1	3	2	3	4	4	1	2	2	152
(g) TOTALS	5	9	145	221	..	..	19	5	6	6	18	15	18	9	9	9	494

Number of patients awaiting entry to hospital, admitted for temporary residential care or admitted to guardianship during 1970 :

Table 29

	MENTALLY HANDICAPPED SEVERELY MENTALLY HANDICAPPED MENTALLY ILL				Total
	Under age 16		16 and over		
	M	F	M	F	
1. Number of persons in L.H.A. area on waiting list for admission to hospital at end of year : (*a*) In urgent need of hospital care	3	–	–	–	3
(*b*) Not in urgent need of hospital care	–	1	2	–	3
(*c*) Total	3	1	2	–	6
2. Number of admissions for temporary residential care (*e.g.* to relieve the family) : (*a*) To N.H.S. hospitals ..	5	2	2	–	9
(*b*) To L.A. residential accommodation	–	–	4	1	5
(*c*) Elsewhere	–	–	–	–	–
(*d*) Total	5	2	6	1	14
3. (*a*) Admissions to guardianship during the year ..	–	–	–	–	–
(*b*) Total number under guardianship at end of year	5	2	6	1	14

Table 30

Details of Premises provided for the Mentally Disordered as at 31st December, 1970

Age Group provided for	Mental Category provided for	Day Training Centres			Residential Training Centres		Homes or Hostels	
		Places						
		No.	Junr.	Adult	No.	Places	No.	Places
1. Under 16	(a) Mentally Ill ..	..	..	..	..	..	..	..
	(b) Mentally Handicapped ..	1	53	..	..	..	..	..
2. 16 and over	(a) Mentally Ill ..	1	..	70	..	..	2	34
	(b) Mentally Handicapped ..							
3. Juniors and Adults	(a) Mentally Ill ..	..	..	..	..	..	..	..
	(b) Mentally Handicapped ..	..	..	..	..	..	..	..
4.	Total ..	2	53	70	..	..	2	34

5. Special Units providing for groups such as the severely subnormal with gross physical handicaps or gross behaviour difficulties.

Units functioning as Group within Day Training Centres

(a) Number of Units..... 1

(b) Number of Places.....12

6. Places made available to this Authority by other Authorities or Organisations 3

Mental Welfare Officers

Workload during 1970 :

WEST			*EAST*		
Mental Illness	M.	F.		M.	F.
Hospital and After Care					
Mr. Broadley	156	221	Mr. Harrison	118	186
Mr. Baxter	168	240	Mrs. Knight	209	253
Mrs. Lawson	46	61			
Total	370	522	Total	327	439

Mentally Handicapped

Mr. Broadley			Mr. Harrison		
a. Hospital	20	27	*a.* Hospital	30	26
b. Community	25	40	*b.* Community	33	38
Mr. Baxter			Mrs. Knight		
a. Hospital	25	19	*a.* Hospital	24	21
b. Community	50	42	*b.* Community	55	36
Mrs. Lawson					
a. Hospital	2	1			
b. Community	11	11			
Total	133	140	Total	142	121
Grand Total	503	662	Grand Total	469	560

Table 31

Mentally Handicapped Patients

	Males	*Females*	*Total*
Admissions to Hospital Long term	9	7	16
Short term	8	9	17
Number of patients known to be in Hospital 31st December, 1970	128	98	226
Visits to patients during 1970 ..	509	503	1012
Reports and case notes prior to admission	44	47	91
Office interviews	83	76	159
Patients seen by Consultant Psychiatrist Larkhill Health Centre ..	22	26	48
Number of patients awaiting admission to Hospital	5	2	7

Table 32

Mentally Ill Patients

		Males	*Females*	*Total*
Admissions to Hospital	Informal ..	75 ..	97 ..	172
	Sect. 25 ..	8 ..	7 ..	15
	„ 26	2 ..	2 ..	4
	„ 29	7 ..	21 ..	28
	„ 60	2 ..	– ..	2
Cases visited but not admitted to Hospital		62 ..	93 ..	155
Reports and case notes prior to admission		120 ..	180 ..	300
Visits—Aftercare		1160 ..	1620 ..	2780
Office interviews		23 ..	174 ..	297
Attendances Queens Park Day Care Psychiatric Unit				6112
Psychiatric Industrial Workshop				1324
Attendances by Mental Welfare Officers at—				
Hospital Psychiatric Clinics				50
Case Paper Conferences				206
Hospital for Ward round				93
Psychiatric Social Clubs				46
Peter Pan Social Club				43

Table 33

Junior Training Centre

	Male	Female	Total
Special Care Unit ..	8 ..	5 ..	13
Junior Training Centre	30 ..	18 ..	48
	38 ..	23 ..	61

Mowbray Lodge Adult Training Centre

The Adult Training Centre was opened in April, 1965, and has provided a useful community service for the Mentally Disordered.

	Male	*Female*	*Total*
The number of trainees attending at 31/12/70	46 ..	32 ..	78

The number of trainees classified as percentages was as follows:—

Severely Mentally Handicapped	51%
Mentally Handicapped ..	8%
E.S.N. School Leavers ..	20%
Mentally Ill	21%

During 1970 a total of 16 people left the Centre as follows:

	M	F
To full employment ..	6	1
To Hospital care—		
Mentally Handicapped ..	1	3
To Hospital—mental illness	2	1
Left Town	–	–
Temporary	1	1

Mowbray Lodge Hostel (Males)

	1969		1970
Number of Residents 31st December	19	..	22
Number admitted for Short term care	5	..	3

Bank House Hostel (Females)

Number of Residents 31st December	12	..	12
Number admitted for Short term care	1	..	3

MISCELLANEOUS STATISTICS

Superannuation Examinations

Number of questionnaires	477
Number of Superannuation Examinations	108
Number of Training College Candidates and Temporary Teacher Examinations	139

Burials and Cremations

CREMATIONS

The Medical Officer of Health and Deputy Medical Officer of Health are the medical referees for the authorising of cremations under the Cremation Acts.

During 1970, 1350, cremations were authorised (848 Borough, 502 out of Borough).

BURIALS

During the year, arrangements for burial were made in six, and for cremation in nine cases at a total cost of £422. Of this expenditure £306 was recovered.

Recuperative Rest

Number of cases	£ 3	0 s.	0 d.
Gross Cost to Authority	£ 14	0 s.	0 d.
Nett Cost to Authority	£ 12	13 s.	6 d.

Meals provided for Old Persons

(i) Meals on Wheels

	Health Department	W.V.S.
On Books at beginning of year	97	68
New Cases	98	26
Cases ceased	96	26
Number of cases supplied	197	94
Number of meals supplied	11,097	7,700
On Books at end of year	99	68

(ii) At Hostels for Non-Residents

	Burnside	Laneside	Shadsworth	Feniscliffe	West Bank	Longshaw
On Books at beginning of year	20	5	3	—	—	—
New Cases	—	—	—	1	—	5
Cases Ceased	4	—	1	1	—	—
Number of Cases supplied	16	5	2	—	—	5
Number of Meals supplied	4049	2328	798	19	—	507
On Books at end of year ..	16	5	2	—	—	5

Chiropody

The year, 1970, saw a re-instatement of the Local Authority scheme whereby pensioners, i.e. people over 65, received chiropody. Under this scheme, the medical practitioner referred the patient, who was then seen by an assessment board, comprised of a doctor and chiropodist. They noted medical requirements and frequency of treatments. The patients paid 4/-d. or if on Supplementary Pension, received treatment free.

Mrs. Sayle left us in June in order to have a baby girl.

Mr. Christopher Hunt joined the staff in September, after having qualified in June, at Chelsea. With all the comings and goings, the schools' programme unfortunately suffered this year.

PART 1 Number of persons treated during year ending 31 December 1970.

		By local authorities (1)	By Private chiropodists (2)	Total (3)
1	Persons aged 65 and over	645	2611*	3256
2	Expectant Mothers	35	——	35
3	Others	265	——	265
4	Total	945	2611	3556

PART 2 Number of treatments given during year ending 31 December 1970.

		By local authorities (1)	By Private chiropodists (2)	Total (3)
1	In clinics	1146	——	1146
2	In patients' homes	488	1703	2191
3	In old people's homes	1876	80*	1956
4	In chiropodists' surgeries	——	6255	6255
5	Total	3510	8038	11548

Part 3	Number of treatments included in part 2 above which were paid for by the Authority on the basis of fees per treatment.	Local authorities	——
		Voluntary organisations	7958
		Total	7958

*Includes 35 patients given 42 treatments by a Private Chiropodist working on a sessional basis

Loan of Equipment. Invalid aids are available on loan or supply from the Health Centres often on the advice of District Nurses or Medico-Social Workers, or requests from General Practitioners.

Annual issues in 1970 were:-

Bedpans	186	Urinals	120
Bed Cages	78	Mackintosh Sheets	76
Air Cushions	118	Back Rests	111
Air Beds	3	Chairs	80
Commodes	63	Crutches (pairs)	39
Walking Aids	86	Walking Sticks	9
Bed Pulley	–	Feeding Cups	6
Bed Blocks	1	Incontinent Pads	64,200
Wheelchairs	80		
Bed Table	2		

In many cases the loans are virtually permanent and this is a very valuable supportive service to community medical needs.

Registration of Homes

Nursing Homes

Two Homes are registered under the Nursing Homes Act, 1963 :

	Beds Provided	
	Maternity	Other
" Our Lady of Compassion," Beardwood	12	22
" Rockmount," Adelaide Terrace	—	11

WELFARE SERVICES

TABLE 34 Hostels for the Aged

	Park View				West Bank			H'side	Shadsworth Hse			Feniscliffe Bank			Burnside			Laneside			Longshaw			Kingsway			Total			
	M.	W.	C.	Total	M.	W.	Total	W.	M.	W.	Total	M.	W.	Total	M.	W.	Total	M.	W.	Total	M.	W.	Total	M	W	Total	M.	W.	C.	Total
Total .. 31.12.69	27	38	..	65	4	29	33	32	11	23	34	14	32	46	18	29	47	22	22	44	8	36	44	..	..	..	104	241	..	345
Admitted from																														
Home	39	94	4	137	..	10	10	3	2	..	2	1	..	1	..	1	1	4	..	4	3	..	3	..	10	10	49	118	4	171
Hospitals	14	24	..	38	..	3	3	3	2	1	3	..	2	2	..	1	1	2	4	6	1	2	3	..	..	..	19	40	..	59
Hostels	3	2	..	5	..	9	9	7	3	12	15	3	9	12	4	6	10	7	4	11	3	8	11	10	16	26	33	73	..	106
Elsewhere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	83	158	4	245	4	51	55	45	18	36	54	18	43	61	22	37	59	35	30	65	15	46	61	10	26	36	205	472	4	681
Discharged to—																														
Home	19	31	4	46	..	..	..	2	..	1	1	1	..	1	..	..	..	4	..	4	3	2	5	..	..	..	19	36	4	59
Hospitals	8	14	..	22	..	8	8	5	5	7	12	2	2	4	3	3	6	6	8	14	1	7	8	..	..	..	25	54	..	79
Hostels	36	74	..	110	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	74	..	110
Elsewhere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Died	16	19	..	35	1	7	8	6	2	6	8	3	9	12	1	6	7	2	2	4	1	3	4	..	..	..	26	58	..	84
Total 31.12.70 ..	12	20	..	32	3	36	39	31	11	22	33	12	32	44	18	28	46	23	20	43	10	34	44	10	26	36	99	250	..	349

Hostels for the Aged

Table 35

CLASSIFICATION OF RESIDENTS

	Men	Women	Total
Blind	9	18	27
Deaf	10	18	28
Epileptic	2	3	5
Physically infirm (not aged)	6	10	16
Mentally infirm (not aged)	7	4	11
Other aged	79	219	298
Total	113	272	385

Table 36

AGE GROUPS OF RESIDENTS

	Men	Women	Total
Under 30 years of age	1	1	2
30 to 49 years of age	—	3	3
50 to 64 years of age	11	15	26
65 to 74 years of age	29	37	66
75 to 84 years of age	46	138	184
85 years and over	18	86	104
Total	105	280	385

CARE OF THE HANDICAPPED

(Dr. P. A. Gardner — Deputy Medical Officer of Health)

With the development of the three-part Register, as mentioned in the 1969 Report, the number of registered handicapped persons increased by 60% and at the end of the year the total was 383.

Table 37. Categories of those on the handicapped registered

	1969		1970		1970
	Male	Female	Male	Female	Total
Amputations	19	5	25	8	33
Arthritis	12	38	27	76	103
Congenital Malformation and deformities	6	6	6	6	12
Diseases of Digestion and urinary systems	—	—	1	1	2
Disease of the Heart	2	5	8	15	23
Diseases of respiratory system (other than tuberculosis)	5	4	10	7	17
Epilepsy	9	3	8	5	13
Injuries of the Head	—	—	—	2	2
Injuries or diseases of limbs or spine (other than tuberculosis)	31	6	36	11	47
Multiple sclerosis, poliomyelitis, paralysis etc.	41	39	61	48	109
Neurosis, psychosis and other mental disorder	—	3	—	6	6
Spastic	4	4	5	5	10
Tuberculosis (non-respiratory)	—	2	1	3	4
Diabetes	—	—	2	—	2
	129	115	190	193	383

The commonest single cause of impairment is arthritis, but this in itself does not always result in a person being totally handicapped and many are able to carry out their every day activities without much difficulty providing they have been supplied with some Aids to Daily Living or have had minor alterations carried out in their homes. The more seriously handicapped need more than this and some require specially designed accommodation—this group being handicapped by such as Muscular Dystrophy, Cerebral Haemorrhage, Multiple Sclerosis, or Poliomyelitis.

It is difficult to place all of our registered handicapped persons into tidy categories but an attempt has been made. It must be appreciated, however, that this was no easy task and that the divisions between categories are not clear cut.

Good deal of daytime help needed including feeding, washing, dressing and toileting.	5%
Find most things difficult and some impossible	21%
Find several things difficult and a few impossible	18%
Find some things difficult and need help with some small tasks.	13%
Only have difficulty with a few simple tasks	20.5 %
Physical impairment causes little difficulty	22. 5%

Whilst most of the provisions of the Chronically Sick and Disabled Persons Act 1970 have been operated in Blackburn for many years, one or two additional services, not previously provided, became obligatory. These additions resulted in a great number of enquiries from members of the public, thus the case load, already becoming too much for the one Welfare Officer, was increased even further, and during the year 1,535 home visits were made — a 15% increase.

Some of these enquiries were due to the publicity given to the provision of the new Act that a disabled person may be provided with, or have assistance in, obtaining a telephone, and any special equipment necessary to enable him/her to use it providing that the Local Authority are satisfied that this is necessary in order to meet the needs of that person. It is worth mentioning, however, that this provision was already available under schemes made in Section 29 of the 1948 National Assistance Act. To install a telephone in the homes of each of the presently registered handicapped persons would cost some £6,000 ! ! This figure omits rental ! ! Surely some stringent criteria are necessary? Might not, however, the installation of a telephone increase the isolation of a handicapped person — relatives making the easier telephone call which is not really a substitute for a personal visit.

However, £1,200 was spent on structural alterations to over 30 properties a 25% increase in expenditure on 1969. These adaptations included such items as laying drives and garage bases to accomodate invalid vehicles; the removal of steps and substitution by ramps and handrails; showers to replace baths.

Further, six more purpose built flats were completed and six severely handicapped persons took up residence. These flats are linked by "intercom" to the nearby Kingsway Hotel. Similar units are being built at Ashworth Street and near the new Brookside Hostel, but more will be necessary. An assessment survey of the needs and wishes of the registered handicapped persons at the end of the year is shown opposite.

Considering the increase in the number of elderly persons in the town together with the proportionate increase in the numbers of handicapped persons, it seems necessary that the Planners give early consideration to greater provision of suitable accommodation for these people — the majority of whom require 1/2 bedroomed ground floor flats.

In order to make use of their professional training, the Occupational Therapists took over the assessment for Aids to Daily Living at the end of 1969 and, with a trebled expenditure, the following were provided:

Walking Aids	31
Personal toilet aids	49
Special Tableware	14
Adjustable seats	3
Dressing aids	9
Lifting aids	3
Special trolleys for spina bifida children	4
Handrails	12
Showers	2

As well as their need for Aids to Daily Living, some of the time of a handicapped person, is, of necessity, spent in the kitchen and perhaps too little attention is paid to this aspect of their life. So, in addition to the specially designed kitchens installed in the flats mentioned above, the following adaptations were made:

Shelves moved to more convenient height	7
Sink units adapted	6
Appliances changed for others easier to use	9
Specially adapted cooker	1
Other alterations — slotted boards etc.	4

Even more help is probably needed in the home and with the shopping, and the Home Help Service may well have to be doubled to cope. But could not Voluntary Organisations help in this matter?

Many domiciliary visits were made by the Senior Occupational Therapist, Mrs. Price, in connection with housing applications — these visits resulting in more persons being registered as Handicapped and being supplied with aids. With the commencement, later in 1971, of the Assessment Clinic at the Workshops for the Blind to be run by the Deputy Medical Officer of Health in conjunction with the Senior Occupational Therapist, it is obvious that there will be a need for further increase in expenditure in respect of both Aids and Adaptations.

This Clinic will necessitate the buying of extra equipment for Occupational Therapy but the end result should be improved mobility and ability of the handicapped — particularly those who handicaps are recent and whom it is hoped can be improved sufficiently to return to near normal life. During the year assessments of newly registered handicapped persons were carried out in their homes or at the Workshops, by the Occupational Therapists, and their employment possibilities investigated. Unfortunately many are only suitable for time-occupying handcraft but, providing there is an expansion in the type of sheltered work available at the Workshops, sufficient numbers of handicapped persons could be productive — this may necessitate the introduction of "piece-work" and varying the duration of each person's attendance.

Regular visits to Blackamoor Special School were made and many of the school leavers were assessed with a view to employment within their physical capabilities. Swimming classes, mainly children and young adults, continued throughout the year and were increased to three sessions per week until December 1st 1970 when Miss J. Entwisle left. It was with regret that her services terminated, but necessarily a happy event for her — marriage and domicile in Uganda. It is hoped, rather forlornly, that a replacement will be obtained early in 1971 as the need for two Occupational Therapists is apparent when one considers the expanding service that will be available once the alterations at Mill Hill are completed (see Table 38.)

Table 38.

THE EXPANDING WORKLOAD OF OCCUPATIONAL THERAPY

	1969	1970	1971 estimate
Workshop sessions	456	281	480
Hostel visits	324	217	260
Other visits	225	228	160
Domiciliary visits	831	1101	1500
Blackamoor School	—	60	80
Hydrotherapy sessions	100	110	110

At the end of 1970 the attendances at the Workshops were:

Handicraft	19 persons — 5083 attendances
"Sheltered Work"	53 persons — 8535 attendances
"Therapy"	10 persons — 797 attendances
Total	82 persons — 14415 attendances

Holidays were arranged and enjoyed by 30 severly handicapped persons from Blackburn at a total cost to the Local Authority of £323. Transport to and from these holiday venues, with the exception of Bournemouth, was provided by the Department's two special vehicles and private cars. Six handicapped persons at private holiday accommodation in Southport, Lytham, Blackpool and Bournemouth. Fifteen handicapped persons went to Prestatyn Holiday Camp in September. This party decided at the outset of the holiday to enter all the camp activities and competitions, and due to their enthusiasm and the ingenuity and hardwork of the handicraft instructress and Mr. W. Sager who accompanied them, no fewer than thirteen first and second prizes were carried off by Blackburn's party of fifteen, to their delight and envy of other parties. An additional party of nine handicapped persons were sent to Pontins Holiday Camp at Squire's Gate, Blackpool for one week in October through liaison with the British Red Cross Society, who supervised and all attentions provided.

Other social activities during the year included afternoon outings in the Ribble Valley, Christmas Party on 15th December at which over 100 handicapped persons attended, and two concerts at the Workshops for the Blind. Two other evenings were cancelled due to lack of support or transport difficulties. It would appear that the various Voluntary Societies are more interested in having their own central premises than in sharing the facilities available in the evenings at the Workshops, and individuals may be more interested in the television than a social evening out.

Table 39. The Housing Requirements of the Physically Handicapped at 1st January, 1972

(the number living alone is indicated in parenthesis)

Present Accommodation	Council Tenants			Non Council Tenants			All Occupiers									
	Total	Unsat. Housed		Total	Unsat. Housed		Total	Unsat. Housed		Type of Accommodation required						
			W'ing to move			W'ing to move			W'ing to move	Purp. Blt. Single	Mod. Flat	Flat	Purp. Blt. Family Unit			
													Fr 2	Fr 3	Fr 4	Oy H's
3 bedroomed house	25(3)	7(2)	5(1)	68(4)	9(1)	3(1)	93(7)	16(3)	8(2)	1(1)	2(1)	2	1	1	1	–
2 bedroomed house	72(3)	17(1)	15(1)	134(21)	51(11)	32(7)	206(24)	68(12)	47(8)	7(5)	8(1)	14(2)	9	4	3	2
2 bedroomed flat	48(12)	1	1	4(1)	—	—	52(13)	1	1	1						
1 bedroomed flat	7(5)	1		1(1)	—	—	8(6)	1	1	1						
3 bedroomed flat	1			—			1									
3 bd. bungalow	—			3			3									
3 bd. purp blt.	4			—			4									
2 bd. purp. blt.	2			—			2									
1 bd. purp. blt.	8(1)			—			8(1)									
4 bedroomed house	—			1			1									
1 Public House	—			1	1		1	1								
Institutionalised							4									
	167(24)	26(3)	22(2)	212(27)	61(12)	35(8)	383(51)	87(15)	*57(10)	10(6)	10(2)	16(2)	10	5	4	2

*At least 50% require garages.

REGISTRATION OF THE BLIND

Age groups of registered blind

	1970
From 0 – 10 years	4
From 11 – 20 years	3
From 21 – 49 years	25
From 50 – 69 years	74
Over 70 years	107
	213

In 1958 there were on the register, 47 persons where blindness occurred in the first year of life, whereas for the years 1963-1970 inclusive not one child was registered blind in the first year and only two children in their second year of life.

In contrast, the degenerative diseases and conditions causing blindness

In 1958	constituted	11	out of	17	registered
„ 1965	„	14	„ „	14	„
„ 1966	„	9	„ „	9	„
„ 1967	„	21	„ „	21	„
„ 1968	„	27	„ „	28	„
„ 1969	„	15	„ „	15	„
„ 1970	„	15	„ „	15	„

Inevitably the onset of blindness has been carried into later and later age groupings so that less and less persons will need the sheltered employment of Blind workshops. More and more will suffer the tragedy of blindness when it will affect leisure and social integration rather than wage earning.

In the Blackburn Workshops for the Blind the numbers have continued to decline as follows:

	1958	1970
Travelling Salesmen	2	1
Skip department	7	—
Brush department	17	15
Knitting department	8	3

Table 40

	Blind		Partially Sighted	
	M.	F.	M.	F.
On Register, 31st December, 1969 ..	78	108	13	66
Newly certified during year	7	8	11	16
Transferred P.S. to Blind Register ..	2	7	2	7
Transferred Blind to P.S. Register ..	–	–	–	–
Transferred from other Authorities ..	1	2	3	1
Transferred to other Authorities ..	1	3	1	1
Deaths	5	12	1	6
De-Certified	–	–	–	–
On Register 31st December, 1970 ..	82	131	23	69

Table 41

	Age Groups of Registered Blind		Ages at which Blindness occurred	
	Men	Women	Men	Women
0 to 1 year	—	—	17	19
2 to 4 years of age	—	—	2	4
5 to 10 „ „ „	2	2	2	2
11 to 20 „ „ „	3	—	7	4
21 to 29 „ „ „	3	1	6	2
30 to 39 „ „ „	4	3	3	10
40 to 49 „ „ „	6	8	7	13
50 to 59 „ „ „	17	13	9	13
60 to 69 „ „ „	18	26	8	24
70 to 79 „ „ „	16	38	7	28
80 years and over ..	13	40	11	11
Onset unknown ..	—	—	3	1
	82	131	82	131

Blind Persons in Homes, Hospitals, etc.

	Men	Women
Feniscliffe Bank	1	5
Queen's Park Hospital	—	—
Brockhall Hospital	1	1
Catholic Home for the Blind, Liverpool ..	1	—
Elms Home for the Blind, Salford	—	1
Oaklands Home for the Blind, Holmfirth ..	—	1
Nazareth House	—	1
Godfrey Ermen Home, Southport	—	1
Shadsworth House	2	—
Abbeyfield Home, Preston New Road ..	—	1
Laneside	2	—
Longshaw House	—	3
	7	14

Blind Children

At Special Schools, etc. .. .. 3 boys
1 girl

Partially Sighted. Analysis of the age groups of persons on the partially sighted register show that whereas in 1958 60.4% persons were over the age of 50 years ; 45.8% were over the age of 65 years ; by 1970 there were 77.0% over the age of 50 years and 66.3% over the age of 65 years.

Of the various categories of partially sighted persons in 1958, in Group A *i.e.*, "Prospective Blind" there were 13 from a total of 48 as compared with 49 "prospective blind" from a total of 92 in 1970.

Partially Sighted

There were 92 persons on the " Observation " Register on the 31st December, 1970. Twenty seven cases were newly-certified.

The following shows the age groups of the persons on the " Observation" Register of Partially Sighted :

	Men	Women
5 to 15 years	1	5
16 to 20 ,,	1	—
21 to 49 ,,	6	8
50 to 64 ,,	1	9
65 years and over	14	47
	23	69

The following shows the various categories of Partially Sighted persons :

		M.	F.	Totals
Group A.	Prospective Blind	10	39	49
Group B.	Industrially Handicapped—			
	In Employment	4	1	5
	Training	2	1	3
	Awaiting Training	–	–	–
	Not available for work	–	2	2
Group C.	Requiring Observation only	6	21	27
Group D.	Children	1	5	6
		23	69	92

Causes of Blindness or Partial Sight in cases registered during the year

	Blind	Partially Sighted
Cataract	5	11
Glaucoma	4	5
Macular degeneration	2	5
Optic atrophy	—	1
Lens Sclerosis	2	—
Congenital Nystagmus	—	1
Keratitis Choroiditis	—	—
Diabetic Retinopathy	—	1
Chronic Recurrent-Keratitis	—	—
Myopic Degeneration	2	—
Disseminated Choroid Retinitis	—	—
Myopic Degeneration	—	1
Retina Blastoma	—	1
Amblyopia	—	1
	15	27

Deaf and Dumb

There were 98 persons on the Register at the end of 1970, the majority of whom were deaf and dumb. The following table shows the age groups :

	Deaf with Speech		Deaf without Speech	
	M.	F.	M.	F.
Under 16 years	*8	*8	—	—
16—29 years	8	7	6	2
30—49 years	3	7	6	5
50—64 years	—	7	9	5
65 years and over	—	6	6	5
	19	35	27	17

* Limited Speech

Deaf/Blind Persons

Sixteen of the persons on the Register for the Blind are also deaf or hard of hearing as follows :

	Men	Women
Deaf/Blind without speech	—	—
Deaf/Blind with speech	—	3
Blind hard of hearing	5	14
	4	12

Table 42

Age Groups of Epileptics under Care

Epileptics

	M'hull	Park View		Langho Colony		Shadsworth House		B'side	Longshaw		Total
	Men	Men	W'mn	Men	W'mn	Men	W'mn	W'mn	Men	W'mn	
Under 30	1	—	—	2	1	—	—	—	—	—	4
30 to 39	—	—	—	1	—	—	—	—	—	—	1
40 to 49	—	—	—	2	1	—	—	—	—	—	3
50 to 59	—	—	—	3	2	—	—	—	—	—	5
60 to 69	—	—	—	—	3	—	—	—	—	—	3
70 and over	—	—	—	—	—	—	—	1	1	1	3
Totals	1	—	—	8	7	—	—	1	1	1	19

Disabled Persons' and Aged Persons' Homes

Persons who carry on Disabled Persons' Homes and Homes for Aged Persons are required by Section 37 of the National Assistance Act, 1948, to apply to the Local Authority for registration. Six homes are registered, viz :

	Men	Women
Nazareth House, Preston New Road	23	33
Liverpool House, Audley Range	–	8
Richardson House for deaf women, Billinge End Road	–	34
Franciscan Convent, East Park Road	–	15
" Hawkhurst," Shear Bank Road	3	13
" The Cliffe," East Park Road	–	6

Details of Visits by Welfare Officers and Teachers of the Blind

Aged :	First visits	111	To Hostels ..	361
	Subsequent visits ..	499	Other visits ..	413
	Ineffective visits.. ..	205		
Blind :	First visits	72	Handicraft classes	148
	Subsequent visits ..	1,910	Socials	32
	Ineffective visits.. ..	52	Other visits ..	275
	Braille Classes	45	Talks ..	6
	Moon type classes ..	8	..	

REPORT ON SCHOOL HEALTH SERVICE

EDUCATION COMMITTEE

1970-71

THE MAYOR

(Mr. Alderman A. Rigby)

Alderman Sir	G. B.	EDDIE, O.B.E., D.L., J.P.
Mr. Alderman	W. A.	HENSHALL, M.C.
„	A.	DUCKETT
„	L.	EDWARDS
Alderman Mrs.	M. A.	McNAMEE
Mr. Alderman	R. F.	MOTTERSHEAD, C.B.E., D.L. J.P.
Mr. Councillor	A.	DARWENT, M.B.E. (Vice Chairman)
„	R. N. S.	EDWARDS
„	R.	FOULKES (Chairman)
„	B.	GREENWOOD
Councillor Mrs.	N. R.	HAWORTH
Mr. Councillor	T.	HEAP
„	F.	HIGHAM
„	F.	HULME
„	A.	HUTCHINSON
„	Miss F. G.	LEWIS
„	T.	MARSDEN
„	R. E. K.	MARTIN
„	T.	TAYLOR, O.B.E.
„	R.	TODD
The Rev.	A. T.	HUBBARD
„	J.	HENNESSEY
The Rev. Canon	L. E. H.	SWAN
	A. L.	ECCLES
	J.	BOLTON, Esq.
	H.	GREEN, Esq.

School Clinics :

School Clinics are distributed as follows:

LARKHILL MAJOR HEALTH CENTRE :

and

MONTAGUE MAJOR HEALTH CENTRE : Inspection and Follow-up Clinics, Ophthalmic, Dental, Physiotherapy, Immunisation and Vaccination, Ear, Nose and Throat, Audiology, Orthoptic, Speech, Chiropody, Child Guidance and Minor Treatments.

Except for Minor Treatments, attendances are by appointment.

LITTLE HARWOOD HEALTH CENTRE
BENTHAM ROAD HEALTH CENTRE } Minor Treatments.

GLENLUCE FAMILY WELFARE CENTRE : Minor Treatments.

The treatment of Scabies and Cleansing of Verminous Cases continues to be given at the Bathing Unit attached to the Disinfecting Station.

COST OF SCHOOL HEALTH SERVICE

I am indebted to the Borough Treasurer, Mr. L. Wolstenholme, for the following particulars relating to the cost of the School Health Service during 1969-1970.

EXPENDITURE

	£ s. d.	£ s. d.
Salaries and Fees	53141 11 3	
Local Government Superannuation—		
Employer's Contribution	2597 16 1	
Equal Annual Charge	658 14 8	
National Insurances—		
Employer's Contributions	1934 7 3	
Staff Training	104 0 5	
Travelling Expenses and Subsistence Allowances	1103 12 1	
Drugs, Medical Requisites and Apparatus	2652 8 10	
Laundry	104 10 3	
Printing, Stationery, Postages and Telephones, etc.	542 9 10	
Uniforms	424 13 4	
Rents and Insurances	38 10 0	
Upkeep of Buildings	14785 5 6	
Medical Inspections—Intending Teachers	347 14 0	
Sundries	3 11 10	
Loan Charges	605 15 7	
Capital Expenditure out of Revenue	166 13 0	
Total Expenditure		79211 13 11

INCOME

	£ s. d.	£ s. d.
Recovered from—		
Blackburn Executive Council, N.H.S. (Sight testing)	390 8 0	
Regional Hospital Board— Orthoptic Clinics	476 12 8	
Lancashire County Council— Orthoptic Clinics	510 17 6	
Services to Health Department	751 14 6	
Services to Regional Hospital Board	313 15 11	
Sundries	36 7 6	
Total Income		2479 16 1
EXPENDITURE LESS INCOME		76731 17 10

The rateable value of the Borough on 31st March, 1970, was £3,612,114 The cost of medical inspection and treatment in schools for the twelve months ended 31st March, 1970, was £76,732, compared with £73,887 in the previous year.

This was equivalent to £4. 10s. 1d. per child on the school rolls, and expressed as a penny rate was 5.4p.

SCHOOL POPULATION

Particulars of children on the rolls at maintained schools are as follows:

3 Nursery Schools	214
52 Primary School Departments	10452
10 Secondary Schools	6533
3 Special Schools	306
Total	17505

3 Nursery Classes-Average No. in Class	52

SECTION ONE

MEDICAL INSPECTIONS

The arrangements for medical inspection are as outlined in my Report for 1969.

The following tables show the results of Periodic Examinations carried out during the year.

Table 1. Periodic Medical Inspections

Age Groups inspected (By year Birth)	Number of pupils who have received a full medical examinat'n	Physical Condition of Pupils Inspected		Pupils found to require treatment (excluding dental diseases and infestation with vermin)			No. of Pupils found not to warrant a medical examination
		Satisfactory	Unsatisfactory	for defective vision (excluding squint)	for any other condition recorded at Part II	Total individual pupils	
1966 & later	152	151	1	..	10	10	..
1965	675	669	6	3	51	51	..
1964	568	556	12	4	56	59	1
1963	137	131	6	1	11	11	1
1962	65	65	..	..	2	2	..
1961	71	71	..	..	7	7	..
1960	385	385	..	..	20	20	405
1959	435	431	4	5	31	35	450
1958	145	143	2	4	18	21	222
1957	37	37	..	1	3	3	..
1956	376	374	2	1	10	10	..
1955 & earlr	1003	1002	1	7	31	37	7
Total	4049	4015	34	26	250	266	1086

Table 2. Other Inspections

Notes: A special inspection is one that is carried out at the special request of a parent, doctor, nurse or other person.
A re-inspection is an inspection arising out of one of the periodic medical inspections or out of a special inspection.

Number of special inspections	656
Number of Re-inspections	504
	1160

Table 3.

Defects found by Periodic and Special Medical Inspections

Defect or Disease		PERIODIC INSPECTIONS				Special Inspection
		Entr'ts	Leavrs	Others	Total	
Skin	T	9	14	27	50	3
	O	38	25	87	150	8
Eyes : *a.* Vision	T	2	7	15	24	3
	O	89	133	221	443	3
b. Squint	T	3	–	7	10	–
	O	22	7	37	66	2
c. Other	T	1	–	2	3	–
	O	8	11	22	41	1
Ears : *a.* Hearing	T	4	1	4	9	13
	O	72	14	105	191	51
b. Otitis Media	T	1	–	4	5	–
	O	23	4	33	60	1
c. Other	T	–	–	8	8	2
	O	19	3	36	58	4
Nose and Throat	T	4	2	19	25	6
	O	117	27	163	307	6
Speech	T	26	2	23	51	8
	O	35	3	34	72	4
Lymphatic Glands	T	–	–	–	–	–
	O	36	3	40	79	2
Heart	T	–	–	–	–	–
	O	22	9	31	62	2
Lungs	T	2	–	2	4	2
	O	22	17	69	108	6
Developmental: *a.* Hernia	T	–	–	–	–	–
	O	13	–	7	20	–
b. Other	T	–	1	2	3	–
	O	60	5	74	139	4
Orthopaedic : *a.* Posture	T	–	3	6	9	–
	O	4	6	25	35	8
b. Feet	T	20	7	33	60	8
	O	21	11	29	61	4
c. Other..	T	2	3	11	16	4
	O	16	10	36	62	5
Nervous System : *a.* Epilepsy ..	T	–	–	3	3	–
	O	–	1	9	10	1
b. Other	T	–	–	–	–	1
	O	9	5	19	33	–
Psychological : *a.* Development ..	T	–	–	1	1	3
	O	6	–	25	31	6
b. Stability	T	–	–	–	–	2
	O	4	4	17	25	2
Abdomen	T	–	–	2	2	–
	O	12	9	37	58	3
Other	T	–	–	18	18	9
	O	63	1	70	134	8

Home Visits

The School Nurses carried out 4,511 home visits in 1970. Where school children were enquired after whilst on a regular visit to younger children in a family, these visits are not included below.

Reason for Visits

	No. of Visits		
	West	East	Total
Post Medical Inspection	1667	2030	3697
Infectious Diseases	132	208	340
Pre-Special Educational Examinations	70	33	103
Physically Handicapped	68	54	122
Maladjusted	85	56	141
Ineffective Visits	56	52	108
	2078	2433	4511

Schools Visits (excluding Hygiene)

Infectious Diseases	248	431	679
Other Reasons (including Vision Tests)	7556	3125	10681
	7804	3556	11360
Discussions with Head Teachers	481	539	1020

School Hygiene Inspections

Children examined	22280	23504	45784
Children requiring treatment	....	....	3791

Clinic Sessions Attended

Ophthalmic	80	142	222
Ear, Nose & Throat	75	95	170
Audiometry	1	–	1
Prophylactic	38	116	154
Inspection	21	24	45
Follow-up	4	28	32
Minor Treatment, etc.	965	749	1714
	1184	1154	2338

SECTION TWO

TREATMENT

Clinics.

Location of the various Clinics is shown on Page 103 of the Report.

Table 4

Complaint	Cases	Attendances
Ringworm	..	..
Impetigo	25	50
Scabies	295	505
Other Skin diseases	66	316
Nits and Vermin	1072	3177
Minor Injuries	47	82
Otorrhoea	..	..
Otitis Media	..	..
Other Ear	10	12
Conjunctivitis	..	..
Blepharitis	..	..
Other Eye	5	7
Miscellaneous	13	33
Verruca	1	1
	1534	4183

Tonsils and Adenoids.

In all, 81 children were operated upon during the year from the operation waiting list compiled by the Health Service. 158 remained on the list at the end of the year.

The department is notified of all children operated upon, to ensure follow-up on discharge.

Visual Defects.

Mr. P. R. Stevens & Dr. D. M. Somerville, Consultant Ophthalmologists, continued to hold sessions at Montague & Larkhill Health Centres. The total number of children who attended the Clinics shows a considerable increase by comparison with the year 1969.

	1969	1970
Attendances	768	1574
Sessions held	50	115
New Cases	244	563
Prescriptions for Spectacles	404	902

Physiotherapy and Remedial Exercises Clinic

	Health Centres		*Open Air School*	
	Cases	*Attendances*	*Cases*	*Attendances*
Remedial Exercises—				
Breathing Exercises	16	131	27	385
Posture	19	112	2	84
Poliomyelitis	—	—	—	—
Feet	172	419	—	—
Knock Knees	22	52	—	—
Congenital Defects	34	498	27	534
Others	36	257	—	—
Electrical Treatment	—	—	—	—
Ultra Violet Light	51	776	5	20
	350	2245	61	1023

Orthoptic Clinic

The staffing situation at the beginning of 1970, consisted of one full time Orthoptist.

We were glad to obtain the services of Mrs. P Jennison in January, working on a sessional basis.

Both East and West patients continued to be seen at Larkhill Health Centre until March, when Miss S. Badley joined the staff in a full-time capacity, and full sessions were immediately re-established at Montague Health Centre.

This situation continued throughout the remainder of the year,—16 sessions per fortnight being carried out at both the Larkhill and Montague Health Centres, and 5 sessions weekly at Blackburn Royal Infirmary.

Towards the end of 1970, the Orthoptic Department became responsible for the visual screening of School Entrants, and 393 children were assessed in 14 schools in the West sector.

Our thanks go to Mr. P. R. Stevens and Dr. D. M. Somerville for their continued interest and help in the running of the Department.

Statistics for 1970

	Borough		*County*
Larkhill Health Centre			
Total No. of New Cases	57	..	56
		— 113—	
Total No. of Patients Attending ..	347	..	554
		— 901—	
Total No. of Attendances	981	..	1407
		—2388—	
Discharges			
Functional	21	..	40
Cosmetic	14	..	21
Failed to Attend/Left District	4	..	2
Total No. of Discharges		— 102—	
Montague Health Centre			
Total No. of New Cases	39	..	38
		— 77 —	
Total No. of Patients Attending ..	246	..	201
		447	
Total No. of Attendances	813	..	759
		1572	
Discharges			
Functional	16	..	32
Cosmetic	6	..	8
Failed to Attend/Left District	6	..	6
Total No. of Discharges		74	
Blackburn Royal Infirmary			
Number of Operations		75	
Number of new cases		255	
Total number of attendances		1324	

Speech Therapy

As in 1969, the department has continued to function with Mrs. J. Scott, Mrs. J. Knight and Mrs. R. Banks (formerly Miss Daniels).

Sessions were as follows:

	Mon.	*Tues.*	*Wed.*	*Thurs.*	*Fri.*
Mrs. Scott					
a.m.	Larkhill	Larkhill	B.R.I.	Larkhill	B.R.I.
p.m.	Larkhill	Larkhill	Larkhill	Larkhill	Larkhill
Mrs. Banks					
a.m.	Montague	Crosshill	Montague	Montague	Crosshill
p.m.	Montague	Montague	Montague (School Visits)	Montague	Montague
Mrs. Knight					
a.m.	Open Air School	Montague	Larkhill	Open Air School	Montague

Larkhill

Numbers at the end of the year are as follows:

Individual school children	86
Total attendance of school children	1445
Pre-school children	25
Total attendance of pre-school children	285
Total failed to attend	570

A quarter of the time allocated for appointments was lost by the considerable number of failed-to-attends, which is disturbing when it is remembered that while waiting lists do vary, the length of time can be more than 3 months. The majority of children seen have varying degrees of language disorders, frequently associated with dyslalia. There are a few stammerers and cleft-palate patients, but the incidence of these in Blackburn who reach the department would appear to be small.

Open Air School, Blackamoor

Numbers at the end of the year are as follows:

Individual school children	45
Total attendance	413

Speech Therapy sessions take place at Blackamoor Special School on two mornings each week.

The children attending this school fall within the normal range of intelligence and, in consequence, the Speech Therapy case load is very similar to that found in the clinics.

There are, on average, about 12 children receiving regular treatment at any one time, and the remainder are on review, being brought in when there are gaps in the regular list due to illness, etc. In this way it has been possible to review most of the cases at least once a term.

Working in the school has the advantage that one is in contact with other members of the teaching and medical staff and treatment may be discussed with them. It is also possible for children to be seen almost as soon as any problems are noticed and where necessary treatment may be given twice a week.

On the other hand, contact with parents is difficult to maintain and very much dependent on their interest and willingness to contact the Speech Therapist occasionally to discuss their child.

Montague

Numbers at the end of the year are as follows:

Individual school children	86
Total attendance of school children	1257
Pre-school children	35
Total attendance of pre-school children	172
Total failed to attend	676

An increase in the number of pre-school children referred for Speech Therapy resulted in setting up a play group scheme where selected children of similar ages and abilities attend together. Those children whose language and speech development is delayed are encouraged through play therapy to talk to each other in controlled situations.

The Therapist has visited all the schools in the west area where discussion with teachers about individual cases has proved beneficial. Due to the large numbers of failures to attend throughout the year, the speech therapy session was started in December at Bentham Road Health Centre to care for children who live in that area. It is hoped that this will result in better attendance. The majority of cases are similar to those at Larkhill, namely degrees of language disorder associated with dyslalia.

Crosshill

Numbers at the end of the year are as follows:

Individual school children	35
Total attendance	436

The therapist has continued to attend regularly at Crosshill for 2 weekly sessions and found contact with the staff very useful.

It will be noted that no figures are given for the Dame Edith Fox Special School. After discussion at the school with the head mistress it was decided to see the individual child and parent at the Health Centre as facilities at the school were not satisfactory. Six treatment sessions per week are allowed at Larkhill for these children, and as a session becomes vacant it is filled by a child from the school.

This same procedure now applies to Lancashire County Council children. A total of 3 children in any one week attend at each Health Centre and as one of these places becomes vacant it is filled by a County child.

Two 2nd-year students from the Elizabeth Gaskell College in Manchester have continued to attend weekly for clinical experience.

In April, Mrs. Banks and Mrs. Scott attended the North West Area Day-Training Course at Liverpool. The subject was Language and Assessment and included a demonstration of the new Reynell Test of Language.

During the year we have continued to meet regularly to hold discussions as a team.

JENNIFER B. SCOTT

Senior Speech Therapist.

Psychological Service

Annual Report for that part of the year from June 15th, 1970 to December 31st, 1970.

Number referred to the Educational Psychologists	294
Source of referral	
Headteachers	135
MOH or SMOs	123
Other Specialists	10
Psychiatrist	6
General Practitioners	5
Children's Department	4
Parents	4
Education Department	5
Probation	2
Reason for referral	
Mental Assessment	145
Educational Guidance	86
Behaviour/Emotional problems	63
Number of these cases closed at Dec. 31st, 1970	75
Number of these cases open at Dec. 31st, 1970	219

On June 15th, 1970, Mrs. H. R. MacDonald took up her post as full time Educational Psychologist. In September, Mrs. P. A. Haworth increased her sessions from three to five weekly. Both psychologists divided their time between Health Centres as the referrals demanded. A major part of Mrs. Haworth's time was spent in school visiting, and at least 50% of Mrs. MacDonald's time. The remainder was spent in seeing parents and children in the Health Centres, and making home visits. Mrs. Haworth in particular kept in close touch with the two new special remedial classes at Audley and and Wensley Fold.

As will be seen from the figures, there has been a big increase in the number of referrals in the last six months of the year, when compared to the whole of 1969. Schools and other interested departments were informed that there would be more opportunity to see children with behaviour and emotional problems, as well as those with straightforward educational problems. In fact, most children were still referred for educational reasons, but in probably 75% of these cases, it was found that the educational difficulties were only a symptom of some emotional disturbance or behaviour difficulty. For example 'John", aged eight, was referred because he was thought to be educationally subnormal. In fact, he was found to be of low average intelligence, but by no means working up to his potential. Investigations revealed that his parents were separated, and mother was having difficulties in coping on her own. "John" was nocturnally enuretic, "had to be nagged" by his mother when she wanted him to do anything, and was receiving very little positive attention. As a result, he was insecure, feeling rejected by both parents and therefore unable to concentrate for any length of time, thereby affecting his schoolwork.

What at first sight appeared to be a straightforward educational problem, was in fact a problem of family relationships, resulting in an emotionally disturbed child.

Similarly with the sources of referral, often more than one agency has been involved in the referral, so that the figures do to a certain extent conceal the increased contact with agencies other than the Health Department or schools.

In view of the numbers referred, priorities had to be made. The choice was between giving maximum time to each case, thus building up a long waiting list, or seeing each child as quickly as possible and giving far less time to each. It was extremely difficult to come to a conclusion, but it was felt that the latter choice was preferable for the time being. This means that the treatment given is minimal, and the schools are relied on very heavily for their co-operation in helping many of the children referred. Headteachers and their staff have co-operated excellently when any advice or suggestions have been offered, as indeed, have the School Medical Officers and all other agencies.

Audiometry.

During 1970, 5,765 children were tested with the following results :

Referred for further investigation	296
Failed	1468
Pupils known to have been provided with hearing aids during the year	1
Hearing Aids provided in previous years	30

SECTION THREE

DENTAL INSPECTION AND TREATMENT

Report by the Principal Dental Officer Mr. J. Rigby

During 1970 routine dental inspections have dropped from a total of 12,500 in 1969 to approximately 7,850. This is due almost entirely to a reduction in the number of inspections carried out in the eastern section of the town covered by Larkhill Health Centre. The major cause for this drop in inspections is the amount of time taken in attending casual patients, which, in turn reduces the time available for routine treatment and inspection. Indeed probably one in four patients seen at Larkhill Health Centre are emergencies.

Despite this, the amount of conservative treatment carried out as a whole compares very favourably with 1969, especially when the number of extractions performed in 1970 is 500 in excess of the previous year.

The demand for regular checks continues to increase, but because of the reasons mentioned above, we have been obliged to refuse these requests since by accepting them we are cutting down still more on routine ordinary treatment. As in other branches of the health service, only the provision of more additional staff will remedy the situation, a very remote possibility at the present time.

There is no doubt, in my mind that, with the provision of much more suitable accommodation at the new Health Centres, there is a greater acceptance of treatment. Additionally, the complete changeover to the use of disposable needles for all sorts of treatment has made a major contribution in this respect, as the element of fear always present in dental treatment particularly with children, has been almost overcome. Twenty or thirty years ago it was quite a common occurrence for a parent to refuse fillings for their children. Today it is almost unknown.

Oral hygiene appears to show a steady improvement, despite the fact that, owing to the lack of opportunity, very little Dental Health Education is carried out, except, may be, to the partially converted who already attend for treatment.

We have been able to cut down the waiting time for treatment of Orthodontic cases to some extent, due to the undertaking of extra sessions by the Orthodontist, but there is still a waiting period of a few months before actual treatment can be started, after a case has been referred from the normal clinic.

A few patients have been passed on to the Consultant-Dental Surgeon at the Infirmary and we would like to thank Mr. F. T. Monk for his assistance in these cases.

Finally, I must thank all staff for their ready help in any task undertaken—the teachers for their co-operation at inspections and the ensuing making of appointments.

1. INSPECTIONS

		Number of pupils	
(a)	First inspection - school	7385	4022	3320
(b)	First inspection - clinic	675		
(c)	Re-inspection - school or clinic.	452	240	
	Totals	8512	4262	3320

2. VISITS (for treatment only)

	Ages 5—9	Ages 10—14	Ages 15 & over	Total
First visit in the calendar year	1617	1595	293	3505
Subsequent visits	1220	2040	472	3732
Total visits	2837	3635	765	7237

3. COURSES OF TREATMENT

Additional courses commenced	38	52	18	108
Total courses commenced	1655	1647	311	3613
Courses completed				3721

4. TREATMENT

Fillings in permanent teeth	768	2172	529	3469
Fillings in deciduous teeth	843	75	—	918

Permanent teeth filled	655	1931	445	3031
Deciduous teeth filled	748	67	—	815

Permanent teeth extracted	191	790	167	1148
Deciduous teeth extracted	2079	843	——	2921

Number of general anaesthetics	312	241	25	578

Number of emergencies	865	539	93	1407

Number of pupils X-rayed	99
Prophylaxis	92
Teeth otherwise conserved	Nil
Teeth root filled	11
Inlays	Nil
Crowns	2

5. ORTHODONTICS

New cases commenced during the year	44
Cases completed during the year ..	32
Cases discontinued during the year ..	Nil
Number of removable appliances fitted	48
Number of fixed appliances fitted ..	1
Number of pupils referred to Hospital Consultants	Nil

6. DENTURES

Number of pupils fitted with dentures for first time:	Ages 5—9	Ages 10—14	Ages 15& over	Total
(a) with full denture	Nil	Nil	Nil	Nil
(b) with other dentures	Nil	13	4	17
Total	Nil	13	4	17

Number of dentures supplied (first or subsequent time)	Nil	14	4	18

7. ANAESTHETICS

Number of general anaesthetics administered by Dental Officers ..	Nil

8. SESSIONS

	Administrative Sessions	Number of clinical sessions worked in the year					Total sessions
		School Service			M&CW Service		
		I'sp'tn at Sc'l	T'm'nt	Dental Health Ed't'n	T'm't n	Dental Health Ed't'n	
Dental Officers (including P.D.S.O.)	Nil	56	957	Nil	84	Nil	1097
Dental Auxiliaries	——	——	Nil	Nil	Nil	Nil	Nil
Dental Hygienists	——	——	Nil	Nil	Nil	Nil	Nil
Total	Nil	56	957	Nil	84	Nil	1097

9. DENTAL HEALTH EDUCATION

As in former years, Dental Health Education has been carried out by Medico Social Workers particularly in Senior Schools.

SECTION FOUR

INFECTIOUS DISEASES

Information as to the incidence of non-notifiable infectious disease is obtained from teachers, welfare officers, public health inspectors, medico-social workers, health visitors and parents.

The following table gives particulars of cases of infectious diseases reported in school children during 1970.

Table 5

Period	Scarlet Fever	Measles	Whooping Cough	Chicken Pox	Mumps	Dysentery	Food Poisoning	German Measles	Infective Hepatitis	Tuberculosis
January-April	12	7	–	11	30	–	1	1	6	4
May-August	3	93	2	51	3	2	4	1	8	4
September-December	4	79	7	2	2	–	–	–	2	4
TOTALS ..	19	179	9	64	35	2	5	2	16	12

SECTION FIVE

HANDICAPPED PUPILS

Ascertainment

The arrangements for the ascertainment of pupils requiring special educational treatment are covered by regulation of the Minister of Education' and have been detailed in previous reports.

Special School Provision

There are three special schools provided by the Authority, a School for Delicate and Physically Handicapped children, a Unit for Partially Sighted Pupils and Crosshill School for Educationally Subnormal Pupils.

Blackamoor School

I append a report of the School's activities by the Headmaster, Mr. F. HARLING

Thirty-six children were admitted and fifty-two discharged during 1970; one hundred and twenty being in attendance at the end of the year.

Of the thirty-six admissions fourteen were extra district children who had previously attended Tullyallan school at Darwen.

An assessment of categories of handicap taken at the end of each of the last five years shows as follows:

	1966	1967	1968	1969	1970
Delicate	94	101	83	37	17
Physically Handicapped ..	30	24	31	75	84
Epileptic	4	5	7	7	6
Partially Hearing	4	3	5	7	4
Maladjusted	3	4	6	5	7
Speech Defect	1	–	2	3	2
Partially Sighted	2	2	2	1	–
	138	139	136	135	120

There were four thousand, four hundred and seven visits to the medical room during the year.

Children treated by the physiotherapists were as follows:

Breathing exercises for Asthma ..	385
Exercises for Spastics	212
Exercises for Hemiplegias	55
Postural Exercises	98
Scoliosis	26
Exercises for Spina Bifida	191
Postural Drainage	84

F. HARLING
Headmaster.

Partially Sighted Unit—Blackamoor

"The year began with 15 children on roll, 9 girls and 6 boys with an age range of 5 to 15 years. During the year 4 boys were admitted and 2 girls left. Thus the number on roll at the end of the year was 17, 7 girls and 10 boys with an age range of 5 to 16+years. Of the two girls who left, one moved to another town and the other, a Bolton child, went to a residential school because of inadequacy of the home conditions.

In my last report I referred at some length to the acute lack of space in the present set-up. Whilst not wishing to belabour the point unduly, I must, however, draw attention to the fact that such conditions do lead to no small amount of frustration on the part of the teaching staff, and the efficient running of the Unit as a whole is somewhat impaired.

I welcomed the visit of the Orthoptist, Miss Watt, in June, since this proved most helpful. I would hope that further visits can be arranged regularly because it is, at least, some form of liaison between the Consultant Ophthalmologists and ourselves which has hitherto been lacking. The ideal arrangement would be for direct contact with these gentlemen either in the form of consultation before the admission of children or visits to the Unit. In other parts of the country such arrangements are the rule rather than the exception.

In conclusion my thanks are due to the Speech Therapist and the Physiotherapist. Both these ladies are doing much for the three or four children who are in need of their services.

H. H. EVANS, *Headmaster*."

Crosshill School

"The year began with 174 children on roll, still with boys and girls in the ratio of 2 to 1 as follows the national distribution. During the year 37 children left of whom 18 found employment. 11 children were transferred to residential or approved schools, reinforcing the fact that the school has additional problems to those presented by slow learners. There was an increase in the number of children who showed degrees of non-adjustment in home, school and general social situations. This is born out by 1) an increase in pupils who were referred for further enquiries at the Health Centre and 2) an increase in the pupils who were involved in Court proceedings. Many of these are the result of either parental apathy or inability to understand the problems of disturbed children.

As well as normal internal and external educational development, the school continued to enjoy success and social contact with other Special Schools, especially through sporting events involving a whole range of activities.

Liaison with other departments continued in a quiet but effective manner. The dependable way in which this proceeds is much appreciated as it adds greatly to the way in which the school fulfills its function.

A. ROBERTS, *Headmaster*."

Table 6

Handicapped Children — New Assessments and Placements

	During calendar year ended 31st December, 1970:		Blind	Partially Sightd	Deaf	Partially Hear'g	Physically Handicapped	Delicate	Maladjusted	E.S.N.	Epileptic	Speech Defect	Total
A	Handicapped children newly assessed as needing special educational treatment at special schools or in boarding homes	boys	1	..	..	..	12	1	8	18	..	1	41
		girls	..	..	1	1	3	6	1	13	..	1	26
B	Children newly placed in special schools (other than hospital special schools) or boarding homes — (i) of those included at A above	boys	1	..	..	..	10	..	1	10	..	..	22
		girls	..	..	..	1	3	5	..	11	..	..	20
	(ii) of those assessed prior to January, 1970	boys	..	..	..	..	3	..	7	5	..	1	16
		girls	..	..	..	..	..	1	..	1	..	..	2
	(iii) TOTAL newly placed—B(i) and (ii)	boys	1	..	..	..	13	..	8	15	..	1	38
		girls	..	..	..	1	3	6	..	12	..	..	22

Analysis of Special Schools to which Blackburn Children have been admitted.

On 20th January, 1971 three hundred and forty one children (203 boys and 138 girls) were in special schools as follows:

	Boys	*Girls*
BLIND PUPILS		
Wavertree School, Liverpool	1	1
Henshaw's, Old Trafford	1	–
Royal School for Blind, Liverpool	1	–
PARTIALLY SIGHTED PUPILS		
Partially Sighted Class, Black-a-Moor	4	4
DEAF PUPILS		
Mary Hare Grammar School, Newbury	1	1
Royal Cross School for the Deaf, Preston	2	8
PARTIAL HEARING PUPILS		
Thomasson Memorial School, Bolton	3	–
Southport School for Partial Hearing	1	–
Black-a-moor Special School	3	1
DELICATE PUPILS		
Black-a-Moor Special School	7	9
St. Catherine's, Isle of Wight	–	1
Lostock Open Air, Bolton	–	1
St. Joseph's Cranleigh	1	–
EDUCATIONALLY SUBNORMAL PUPILS		
Eden Grove, Appleby	3	–
Crosshill Special School	93	65
Crowthorn, Bolton	3	2
St. Joseph's, Cranleigh	2	–
Oakfield, Liverpool	–	2
Jesmond Dene, Newcastle	–	1
Beechwood, Liverpool	–	1
Hilton Grange	1	–
Hindley Hall	1	–
MALADJUSTED		
Pitt House, Devon	4	–
Cheveley Rectory, Newmarket	2	–
Swalcliffe Park, Banbury	1	–
Burnt Norton, Gloucester	1	–
Black-a-moor Special School	4	3
William Henry Smith, Boothroyd	1	–
Wennington Hall, Hornby	1	–
Badgeworth Court	1	–
Childscourt, Wincanton	3	–
St. Peter's, Horbury	–	1
Wessington Court	2	–
EPILEPTIC PUPILS		
Black-a-moor Special School	5	–
Colthurst House, Cheshire	1	–
Maghull, Liverpool	1	1
Sedgwick House	1	–
Chilton School, Maghull	–	1
PHYSICALLY HANDICAPPED		
Chailey Heritage, Lewes	1	–
Black-a-moor Special School	40	32
Birtenshaw Hall, Bolton	2	1
Convalescent Home and School, West Kirby	–	1
Standish Hostel	1	–
Bleasdale House	1	–
Mere Oaks, Standish	1	–
SPEECH		
Thornbury Park	1	–
Black-a-Moor Special School	1	1

SECTION SIX

MISCELLANEOUS

Co-operation

Teachers, parents and School Welfare Officers have fully co-operated in the work of the School Medical department. To them my thanks are expressed.

Employment of Children and Young Persons.

School Medical Officers examined 1379 children for employment during the year.

Two hundred and forty-five children (173 boys and 72 girls) were licensed for employment out of school hours; no children were licensed to take part in entertainments.

National Society for the Prevention of Cruelty to Children

During 1970 it was my privilege and a pleasure to take an active interest in the welfare of 188 Blackburn children of school age, plus a further 198 under school age. In 30 cases the families were referred to me by officials of local authority, and in 35 cases the parents referred themselves to seek aid and advice for a variety of reasons. I venture to suggest that the latter figure indicates that the N.S.P.C.C. has been successful in overcoming the old image of "The Cruelty Man" and that the Society is now regarded as an Agency where help can be obtained.

The nature of the problems or reasons for referral vary considerably and the following are but a few examples:

Lack of proper care (neglect)	18 cases
Physical injury	14 „
Child behaviour problems	9 „
Parent behaviour problems (Matrimonial)	16 „
Children left alone	19 „
Material or financial problems	12 „
Housing problems	5 „

In broad terms, the cases were treated in one of three ways. The majority of the families received support and supervision until this was no longer required. In other cases, the family were best helped by referring them to a more appropriate agency. Thirdly, it is sometimes necessary to protect children by removing them to places of safety and subsequently bringing them before a Juvenile court as being in need of care and protection. This action applied to 8 children during 1970, 5 of whom were committed to the care of the local authority. The remaining 3 children were allowed to return home subject to 3 year supervision orders and I was appointed to supervise on behalf of the courts.

The N.S.P.C.C. constantly reviews and evaluates its role in the community, and we try to improve our methods of working to meet changing needs. One of the most recent improvements in our Organisation has been the setting up of "Group Working" and a "Group Office" at No. 10 Strawberry Bank, Blackburn, Tel. No. 62556. Blackburn itself is now the focal point of our North East Lancs. Group which includes my colleagues at Burnley, Accrington, Rochdale, and Bolton. This grouping has enabled me to establish daily and weekend duty officer rotas, thus providing the 24 hour availability of which we have always boasted.

Finally may I take this opportunity to express my appreciation of the invaluable help and support by officials of the Local Authority during 1970.

T. BAMBER, *Group Officer.*

Report on Physical Education

I am indebted to the Director of Education for the following report on Physical Education.

"Interest in the Secondary Schools in Education for Leisure increases yearly and older girls and boys are fortunate to have a variety of activities from which to choose in games periods and in extra-curricula clubs. P.E. specialist teachers and many other members of staff devote much-out-of school time to teaching and coaching these activities.

Keen competition is shown in team games in all schools, and many matches, leagues and sports events are arranged. Progress in gymnastics and Primary School P.E. is maintained, often in difficult conditions in older schools where space is inadequate.

On the whole children strip or change for physical activities but there is still a small percentage for whom parents seem unwilling to provide suitable foot gear or clothing.

As usual, attendance at the swimming baths for instruction has been good. An increased number of certificates for Length and Progress were awarded and all First Year Secondary School Children examined for the Royal Life Saving Society Elementary Certificate gained the award."

School Meals Service

Meals supplied to children during the year, 1st January to 31st December, 1970.

Primary and Secondary Schools :		
Free	232,318	
Paid	1,853,654	
		2,085,972
Special Schools: Free	11,940	
Paid	36,817	
		48,757
Junior Training Centre	9,200	
		9,200
		2,143,929
Milk supplied to school (⅓-pint bottles)		1,941,431

Average daily number fed during each month in 1970 :

January	12,547	May	9,939	September	12,773
February	12,415	June	10,367	October	11,653
March	12,916	July	12,722	November	11,259
April	12,865	August	—	December	12,208

DEPARTMENT OF EDUCATION AND SCIENCE

MEDICAL INSPECTION AND TREATMENT OF PUPILS ATTENDING MAINTAINED AND ASSISTED PRIMARY AND SECONDARY SCHOOLS

(Including Nursery and Special Schools)

GROUP A—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	No. of cases known to have been dealt with
External and other, excluding errors of refraction and squint	55
Errors of refraction (including squint)	1520
TOTAL	1575
Number of pupils for whom spectacles were prescribed ..	902

GROUP B—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	No. of cases known to have been dealt with
Received operative treatment—	
(*a*) for diseases of the ear	45
(*b*) for adenoids and chronic tonsillitis	157
(*c*) for other nose and throat conditions	67
Received other forms of treatment	11
Total	280
Total number of pupils in schools who are known to have been provided with hearing aids	
(*a*) in 1970	1
(*b*) in previous years	30

GROUP C—ORTHOPAEDIC AND POSTURAL DEFECTS

	No. of cases known to have been dealt with
(*a*) Pupils treated at clinics or out-patient departments	291
(*b*) Pupils treated at school for postural defects ..	7
Total	298

GROUP D.—DISEASES OF THE SKIN

	No. of cases known to have been dealt with
Ringworm—(i) Scalp	–
(ii) Body	1
Scabies	392
Impetigo	40
Other skin diseases	71
TOTAL	504

GROUP E.—CHILD GUIDANCE TREATMENT

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	104

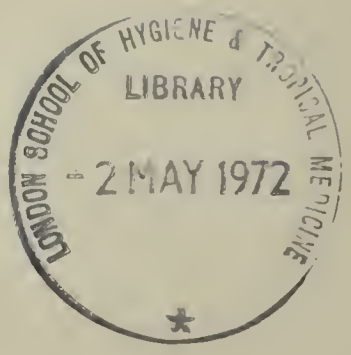
GROUP F.—SPEECH THERAPY

Number of pupils treated by Speech Therapists under arrangements made by the Authority	303

GROUP G.—OTHER TREATMENT GIVEN

(*a*) Number of miscellaneous minor ailments treated by the Authority	75
(*b*) Pupils who received convalescent treatment under School Health Service arrangements	2
(*c*) Pupils who received B.C.G.	936
(*d*) Others—	
1. Orthoptics*	570
2. Sunlight	69
3. Cleansing	1072
4. Chiropody	812
5. Audiometry	9037
TOTAL (*a*—*d*)	12573

* In addition 743 Lancashire County Council pupils were dealt with during the year.



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